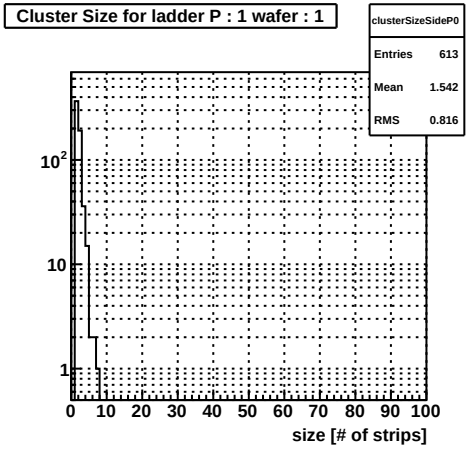
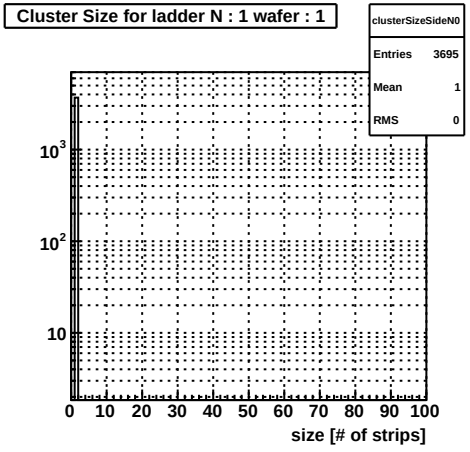
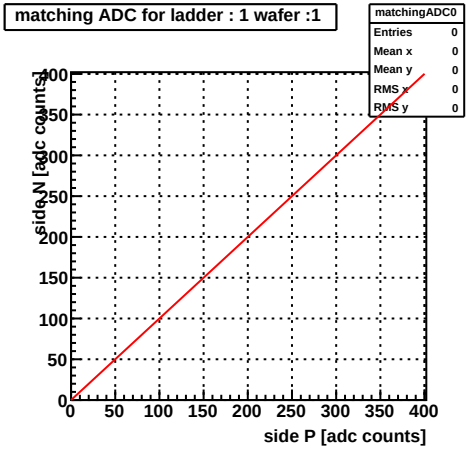
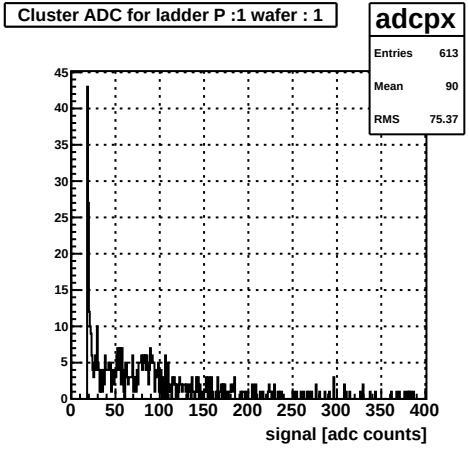
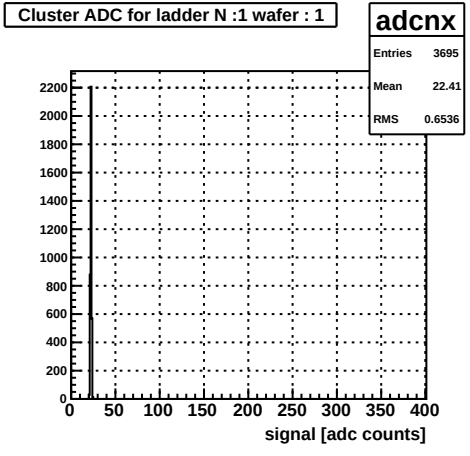
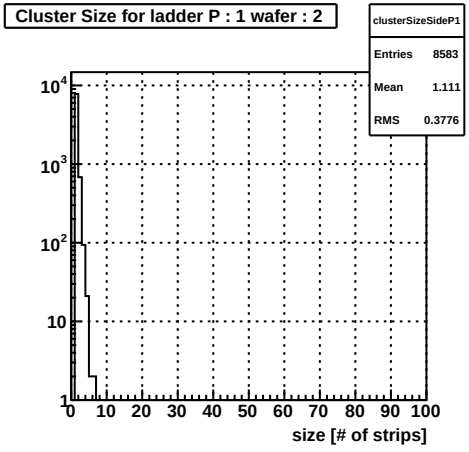

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 613
Mean 1.542
RMS 0.816
size [# of strips]

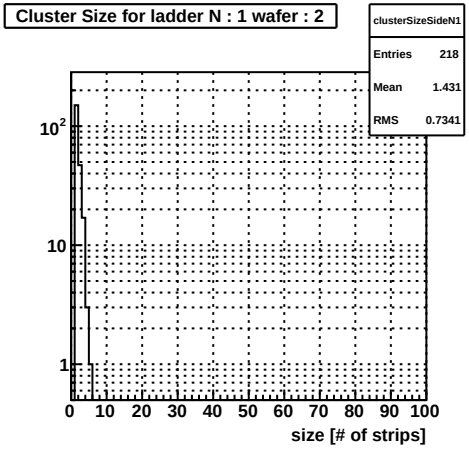

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3695
Mean 1
RMS 0
size [# of strips]

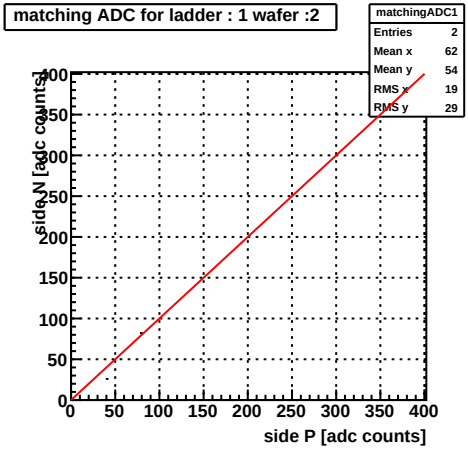

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

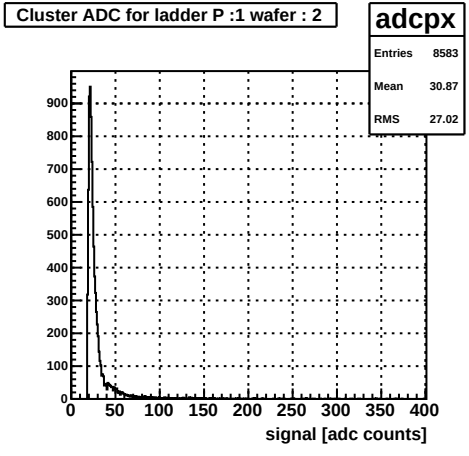

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 613
Mean 90
RMS 75.37
signal [adc counts]

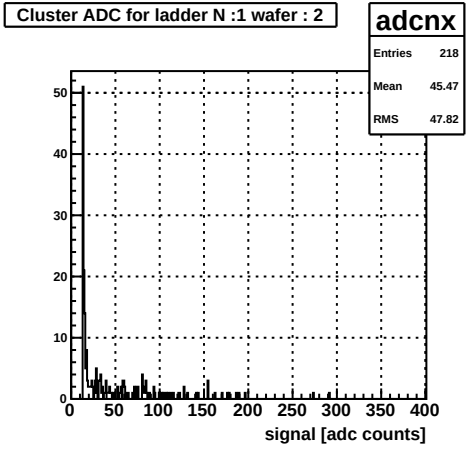

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3695
Mean 22.41
RMS 0.6536
signal [adc counts]

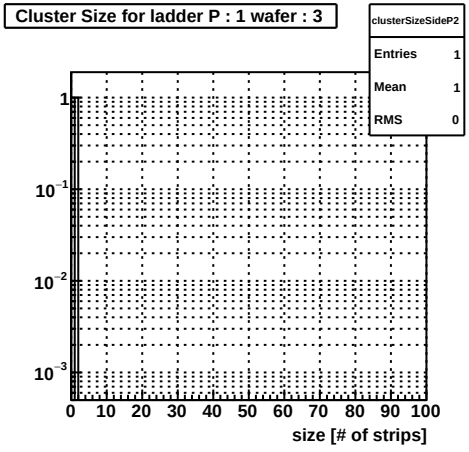

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 8583
Mean 1.111
RMS 0.3776
size [# of strips]

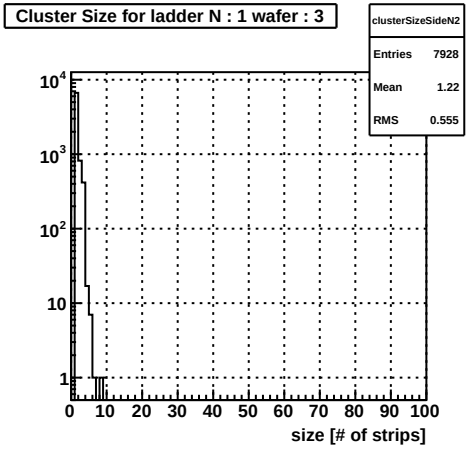

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 218
Mean 1.431
RMS 0.7341
size [# of strips]

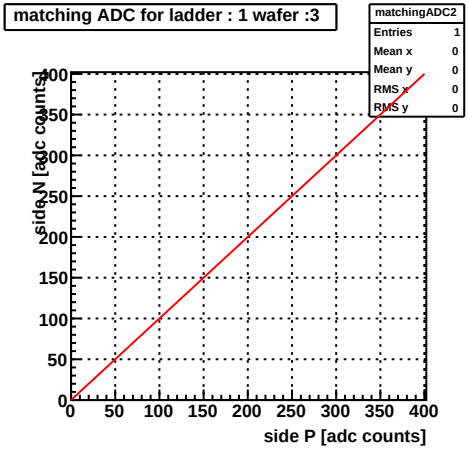

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 62
Mean y 54
RMS x 19
RMS y 29
side N [adc counts]
side P [adc counts]

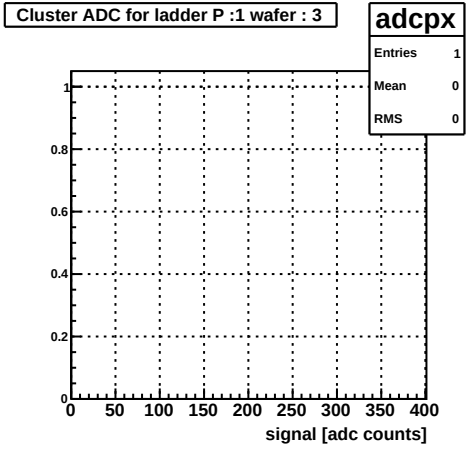

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 8583
Mean 30.87
RMS 27.02
signal [adc counts]

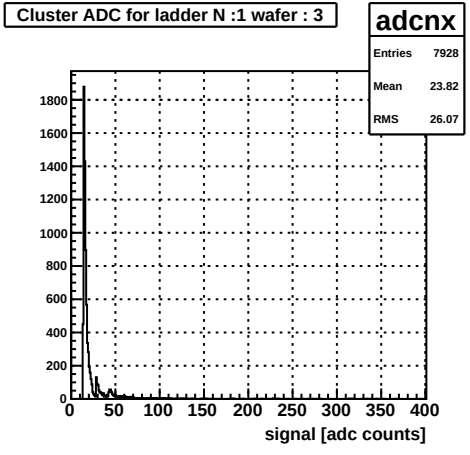

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 218
Mean 45.47
RMS 47.82
signal [adc counts]

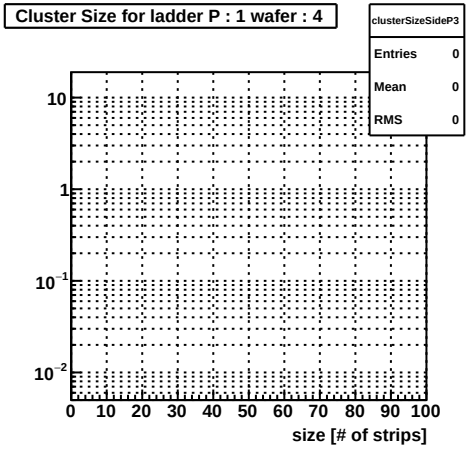

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

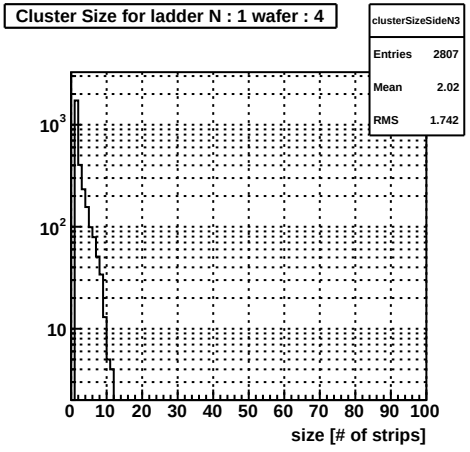

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 7928
Mean 1.22
RMS 0.555
size [# of strips]

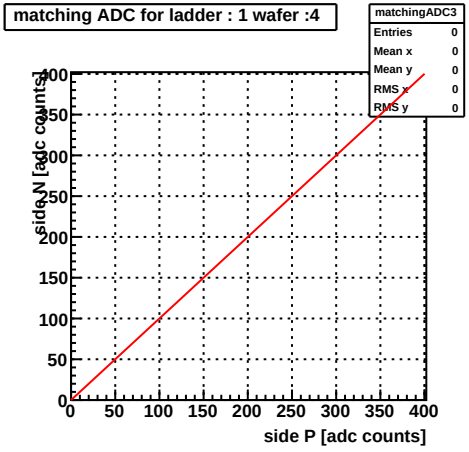

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

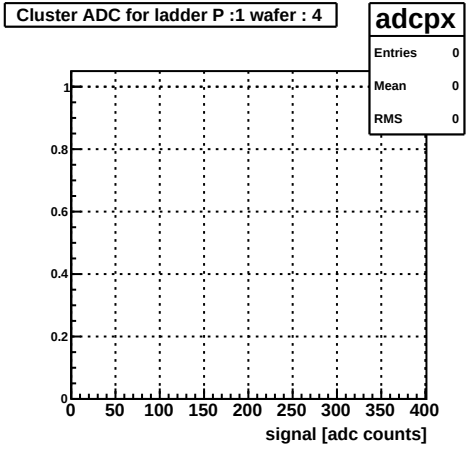

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

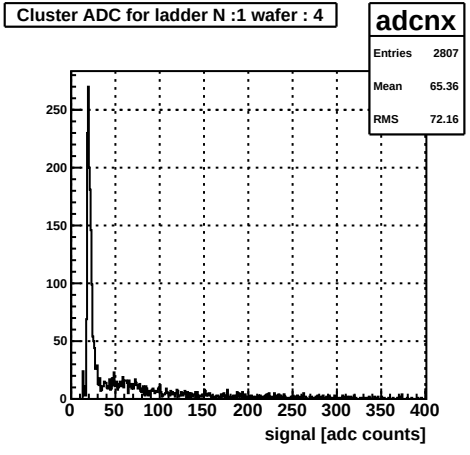

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 7928
Mean 23.82
RMS 26.07
signal [adc counts]

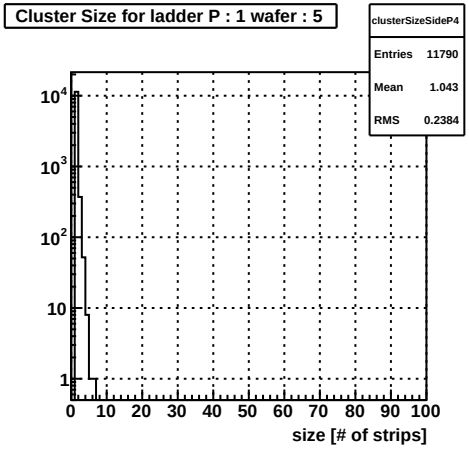

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

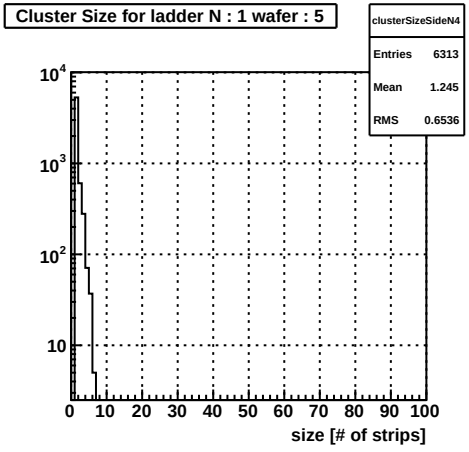

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2807
Mean 2.02
RMS 1.742
size [# of strips]

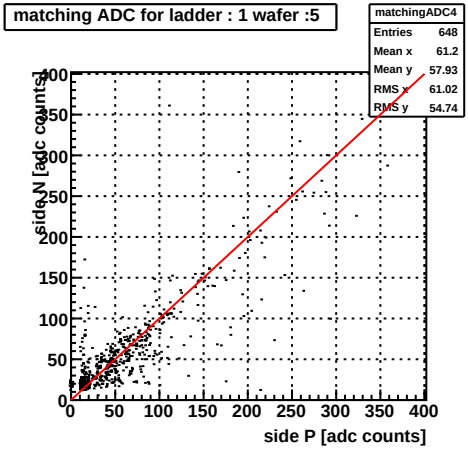

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

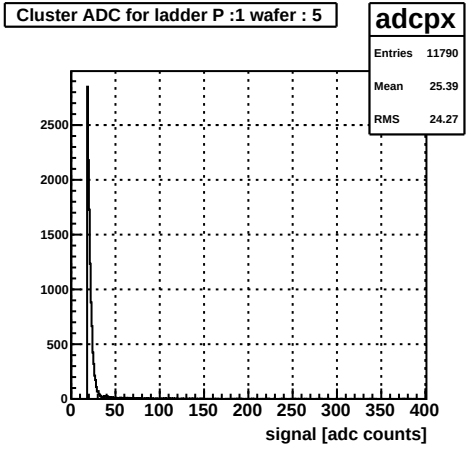

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

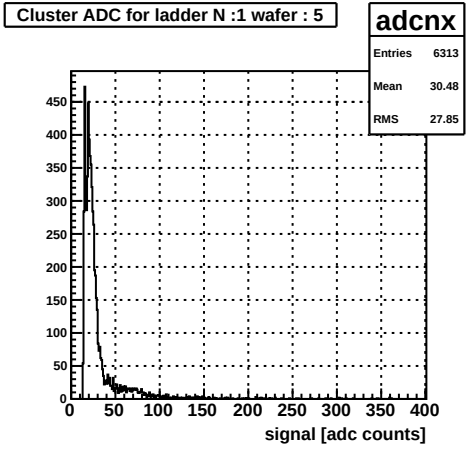

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2807
Mean 65.36
RMS 72.16
signal [adc counts]

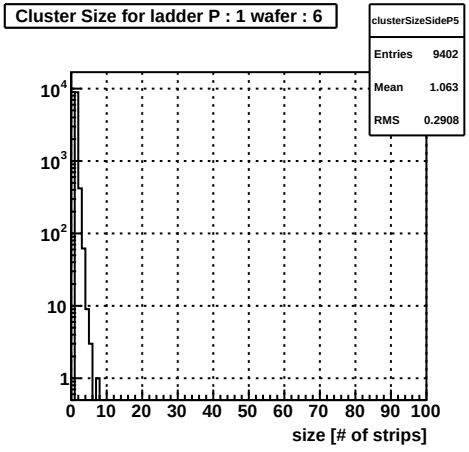

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11790
Mean 1.043
RMS 0.2384
size [# of strips]

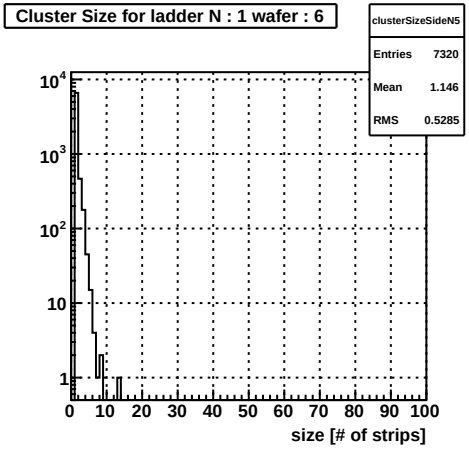

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 6313
Mean 1.245
RMS 0.6536
size [# of strips]

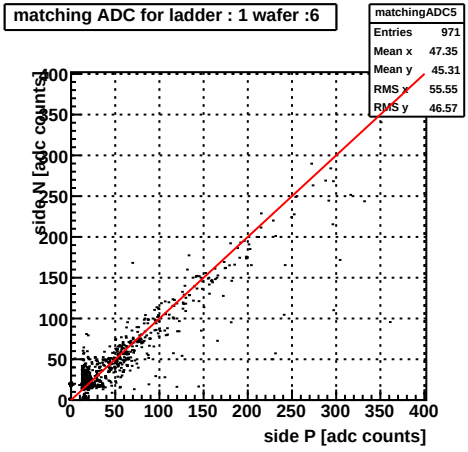

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 648
Mean x 61.2
Mean y 57.93
RMS x 61.02
RMS y 54.74
side N [adc counts]
side P [adc counts]

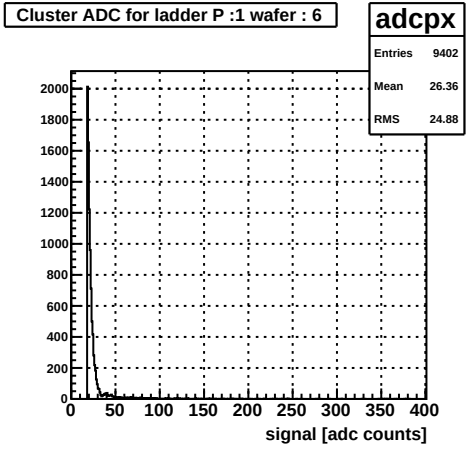

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11790
Mean 25.39
RMS 24.27
signal [adc counts]

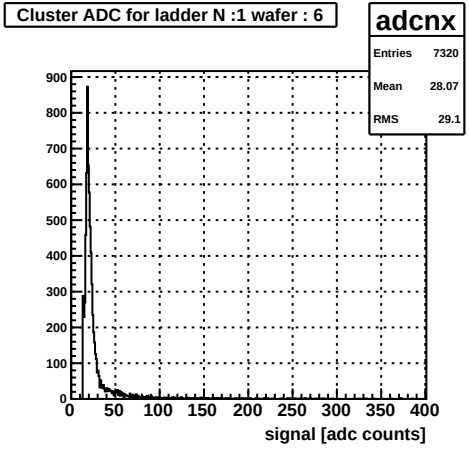

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 6313
Mean 30.48
RMS 27.85
signal [adc counts]

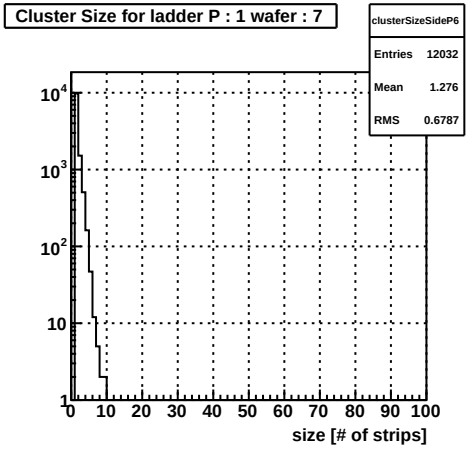

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9402
Mean 1.063
RMS 0.2908
size [# of strips]

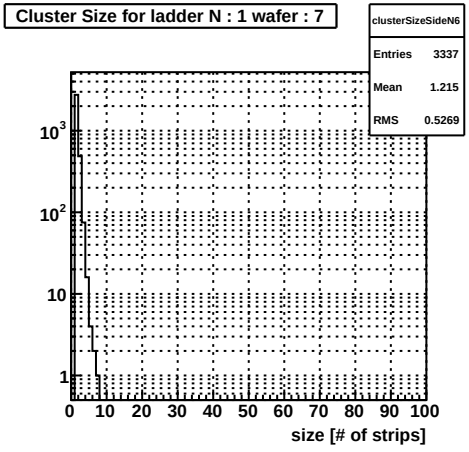

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 7320
Mean 1.146
RMS 0.5285
size [# of strips]

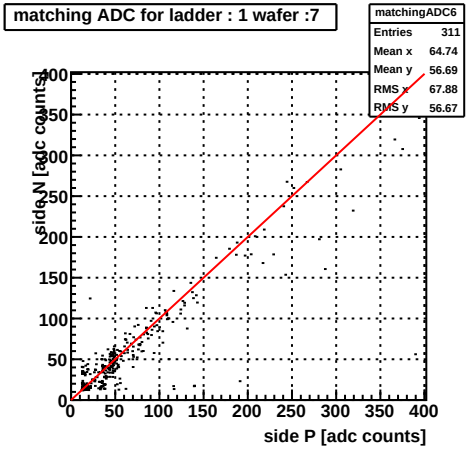

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 971
Mean x 47.35
Mean y 45.31
RMS x 55.55
RMS y 46.57
side N [adc counts]
side P [adc counts]

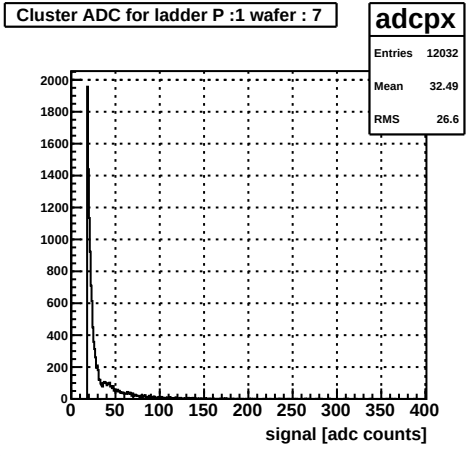

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9402
Mean 26.36
RMS 24.88
signal [adc counts]

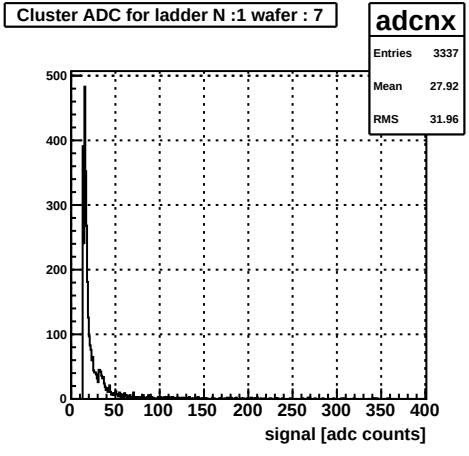

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 7320
Mean 28.07
RMS 29.1
signal [adc counts]

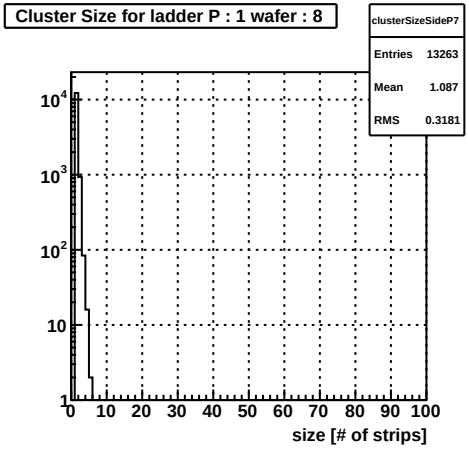

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 12032
Mean 1.276
RMS 0.6787
size [# of strips]

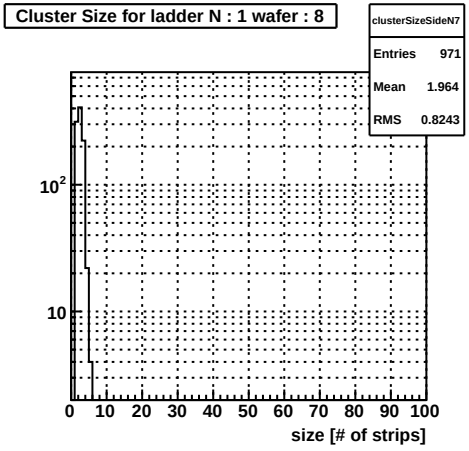

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 3337
Mean 1.215
RMS 0.5269
size [# of strips]

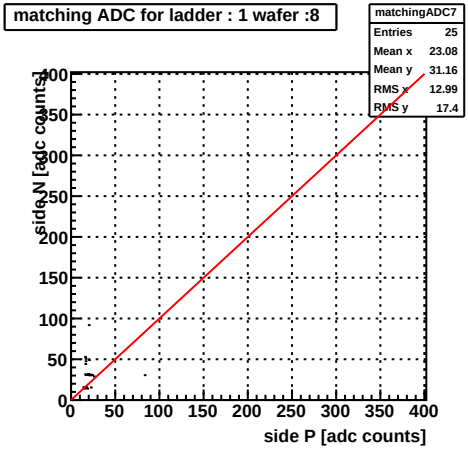

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 311
Mean x 64.74
Mean y 56.69
RMS x 67.88
RMS y 56.67
side N [adc counts]
side P [adc counts]

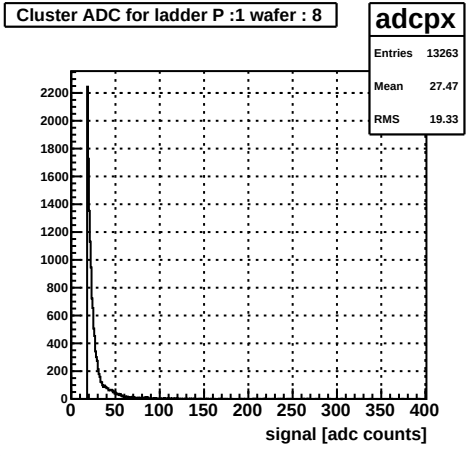

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 12032
Mean 32.49
RMS 26.6
signal [adc counts]

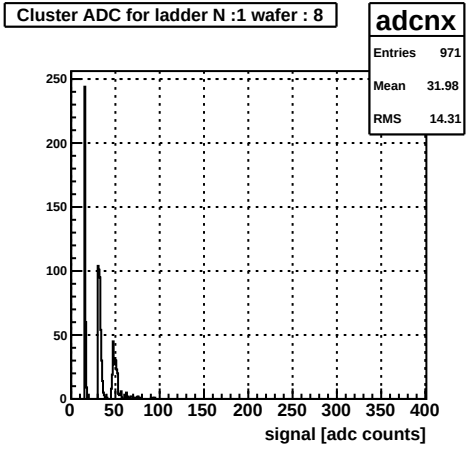

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 3337
Mean 27.92
RMS 31.96
signal [adc counts]

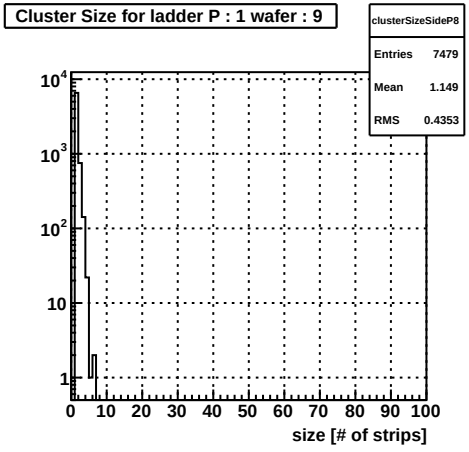

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 13263
Mean 1.087
RMS 0.3181
size [# of strips]

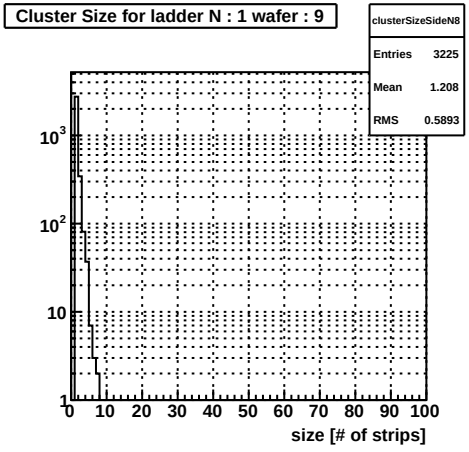

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 971
Mean 1.964
RMS 0.8243
size [# of strips]

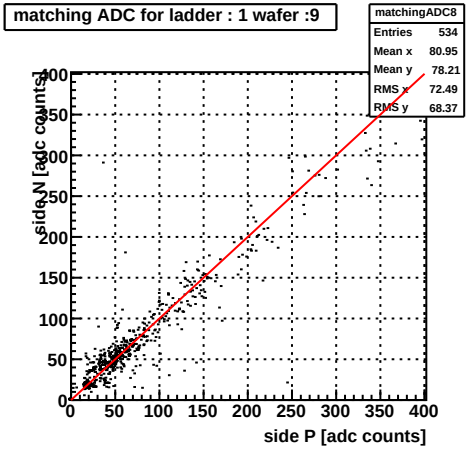

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 25
Mean x 23.08
Mean y 31.16
RMS x 12.99
RMS y 17.4
side N [adc counts]
side P [adc counts]

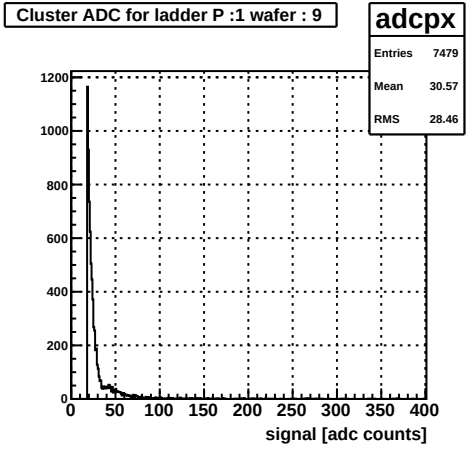

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 13263
Mean 27.47
RMS 19.33
signal [adc counts]

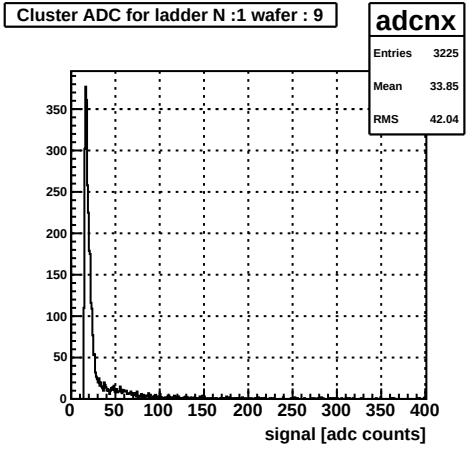

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 971
Mean 31.98
RMS 14.31
signal [adc counts]

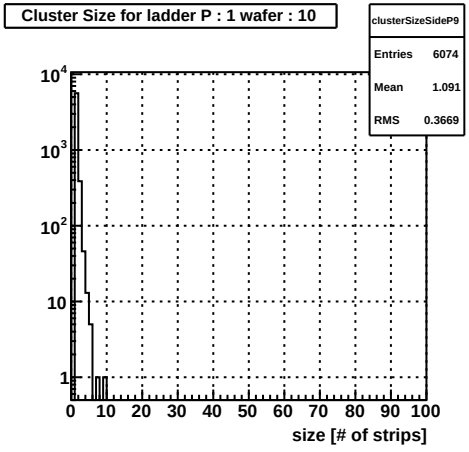

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 7479
Mean 1.149
RMS 0.4353
size [# of strips]

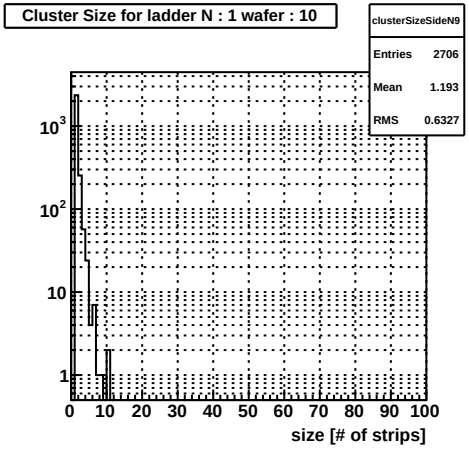

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3225
Mean 1.208
RMS 0.5893
size [# of strips]

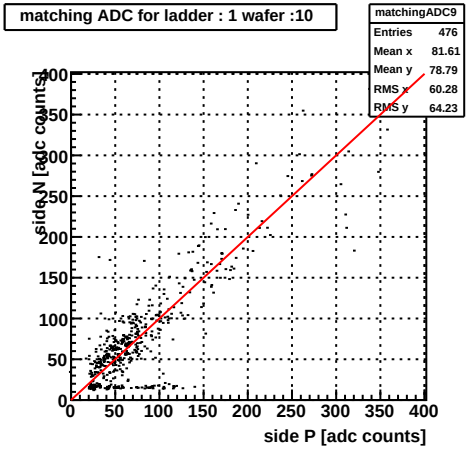

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 534
Mean x 80.95
Mean y 78.21
RMS x 72.49
RMS y 68.37
side N [adc counts]
side P [adc counts]

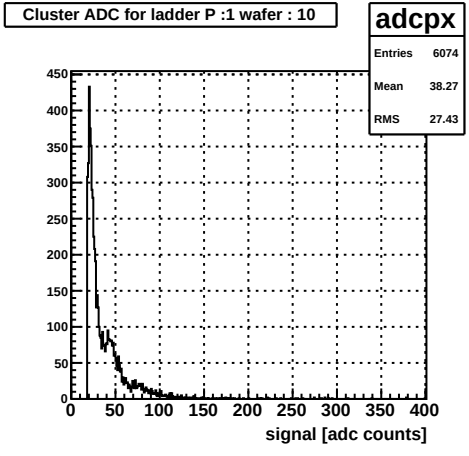

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 7479
Mean 30.57
RMS 28.46
signal [adc counts]

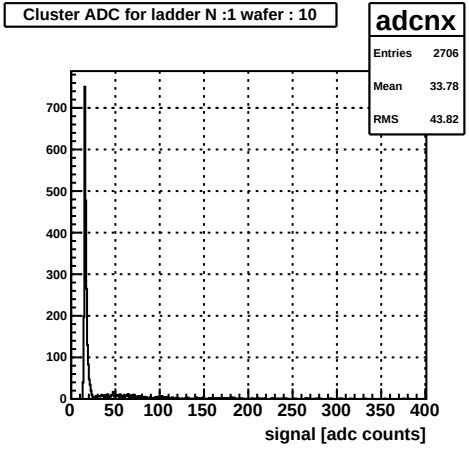

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3225
Mean 33.85
RMS 42.04
signal [adc counts]

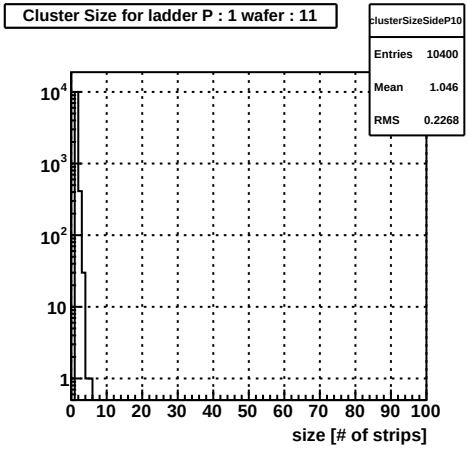

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6074
Mean 1.091
RMS 0.3669
size [# of strips]

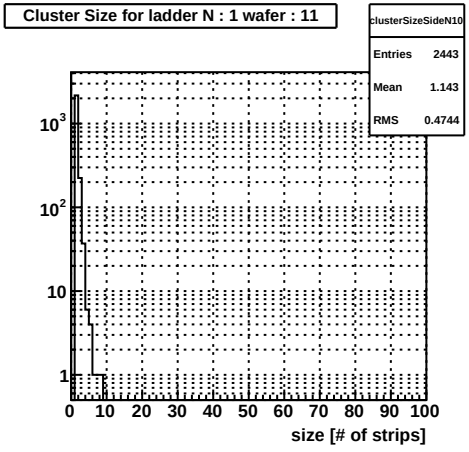

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2706
Mean 1.193
RMS 0.6327
size [# of strips]

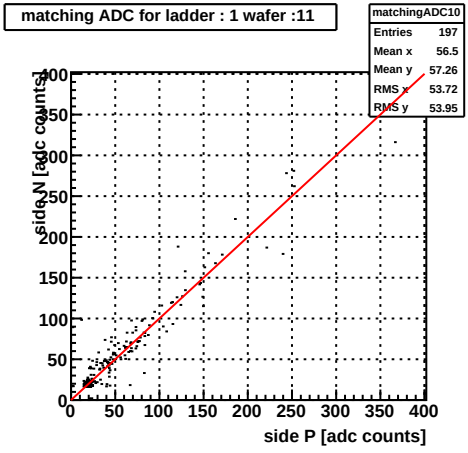

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 476
Mean x 81.61
Mean y 78.79
RMS x 60.28
RMS y 64.23
side N [adc counts]
side P [adc counts]

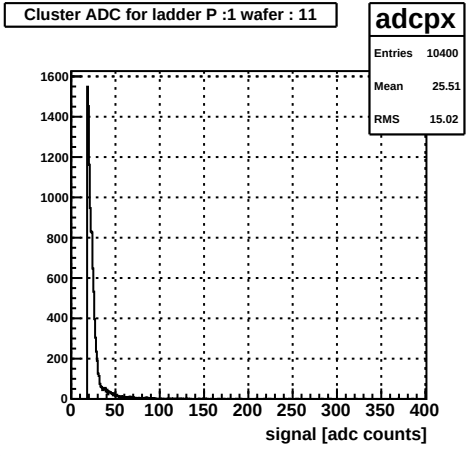

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6074
Mean 38.27
RMS 27.43
signal [adc counts]

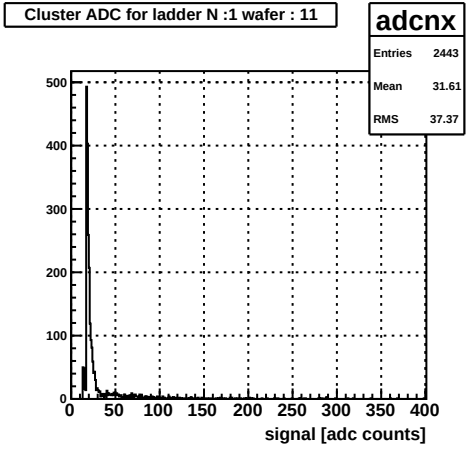

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2706
Mean 33.78
RMS 43.82
signal [adc counts]

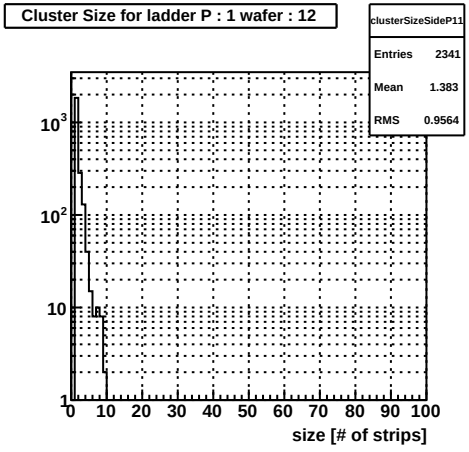

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10400
Mean 1.046
RMS 0.2268
size [# of strips]

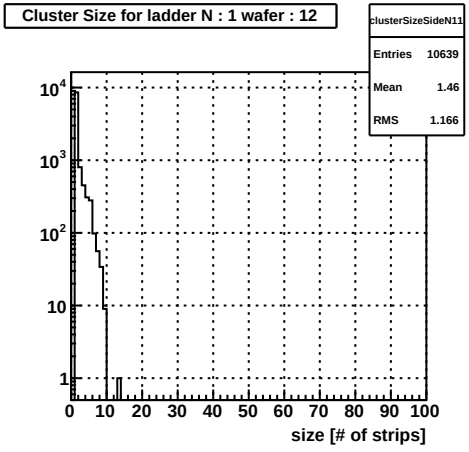

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2443
Mean 1.143
RMS 0.4744
size [# of strips]

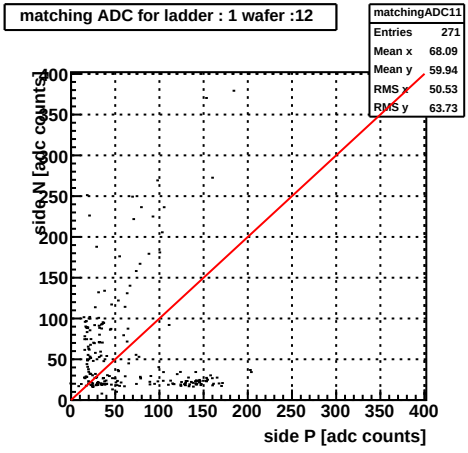

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 197
Mean x 56.5
Mean y 57.26
RMS x 53.72
RMS y 53.95
side N [adc counts]
side P [adc counts]

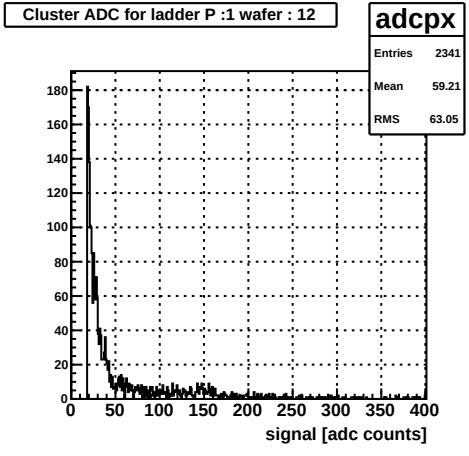

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10400
Mean 25.51
RMS 15.02
signal [adc counts]

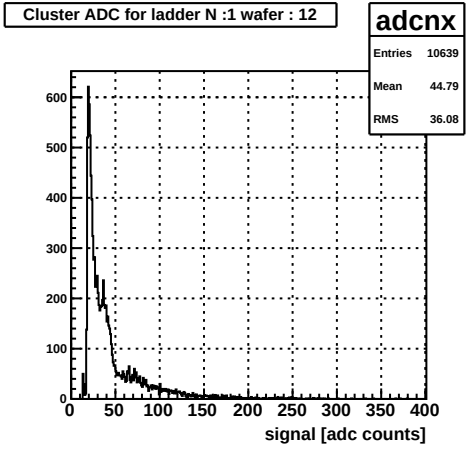

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2443
Mean 31.61
RMS 37.37
signal [adc counts]

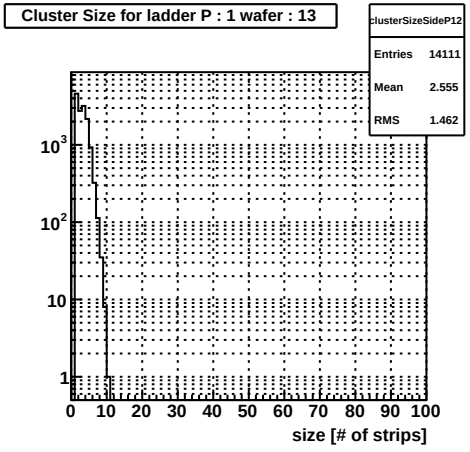

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2341
Mean 1.383
RMS 0.9564
size [# of strips]

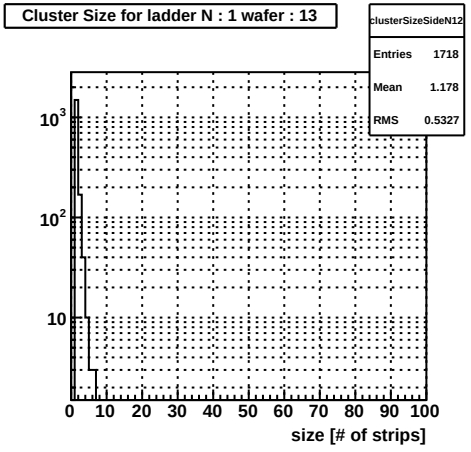

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10639
Mean 1.46
RMS 1.166
size [# of strips]

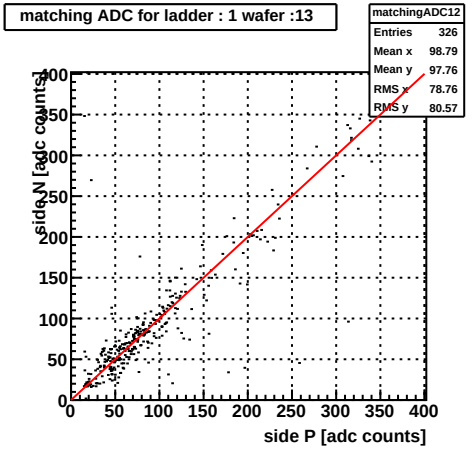

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 271
Mean x 68.09
Mean y 59.94
RMS x 50.53
RMS y 63.73
side N [adc counts]
side P [adc counts]

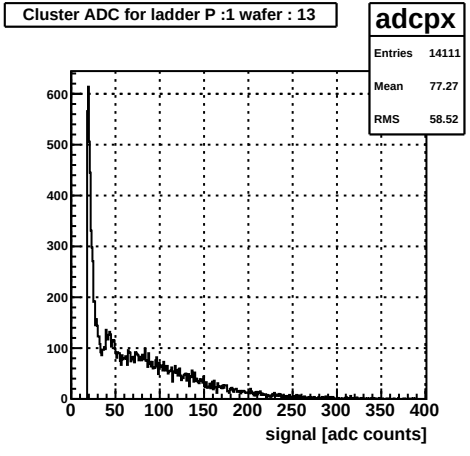

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2341
Mean 59.21
RMS 63.05
signal [adc counts]

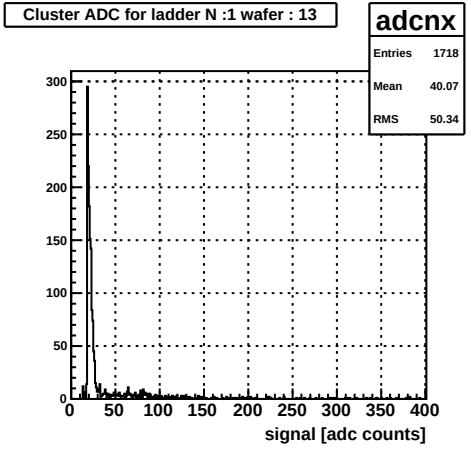

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10639
Mean 44.79
RMS 36.08
signal [adc counts]

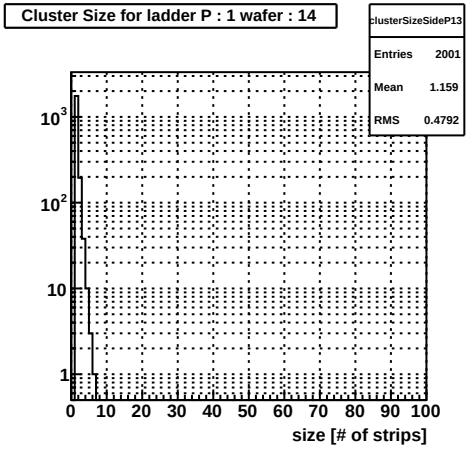

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 14111
Mean 2.555
RMS 1.462
size [# of strips]

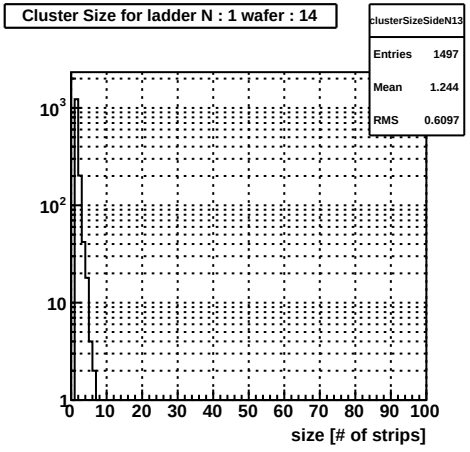

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1718
Mean 1.178
RMS 0.5327
size [# of strips]

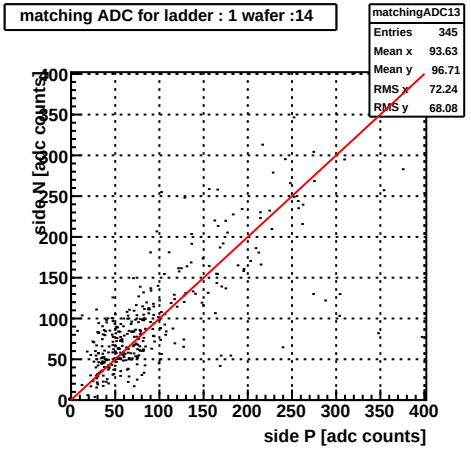

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 326
Mean x 98.79
Mean y 97.76
RMS x 78.76
RMS y 80.57
side N [adc counts]
side P [adc counts]

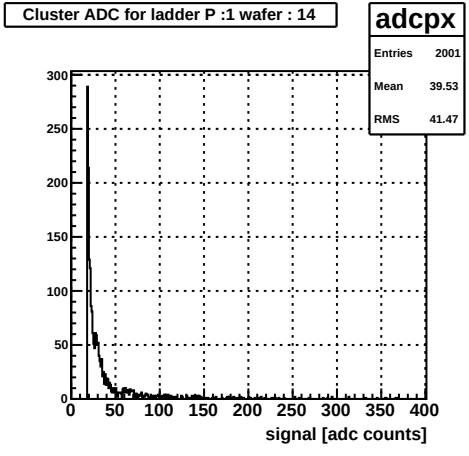

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 14111
Mean 77.27
RMS 58.52
signal [adc counts]

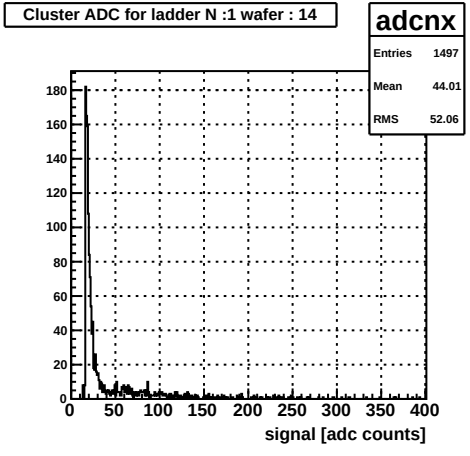

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1718
Mean 40.07
RMS 50.34
signal [adc counts]

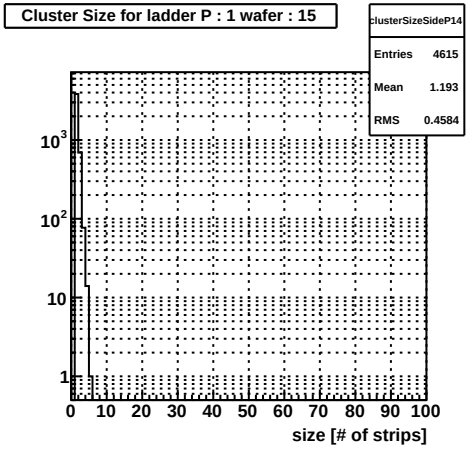

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2001
Mean 1.159
RMS 0.4792
size [# of strips]

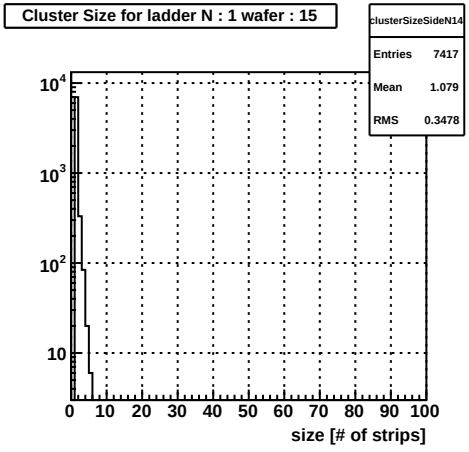

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1497
Mean 1.244
RMS 0.6097
size [# of strips]

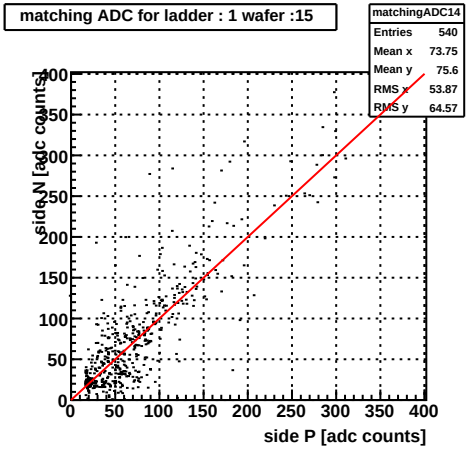

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 345
Mean x 93.63
Mean y 96.71
RMS x 72.24
RMS y 68.08
side N [adc counts]
side P [adc counts]

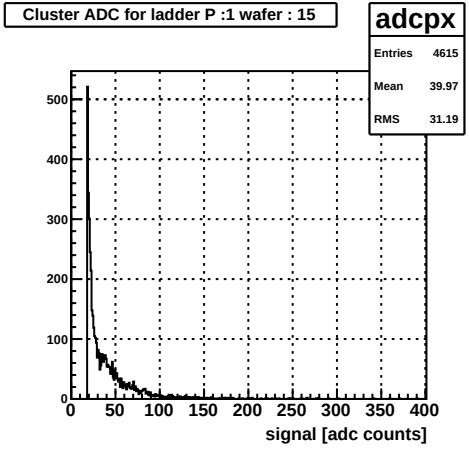

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2001
Mean 39.53
RMS 41.47
signal [adc counts]

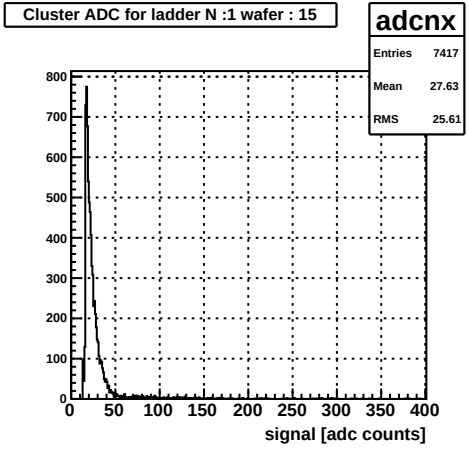

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1497
Mean 44.01
RMS 52.06
signal [adc counts]

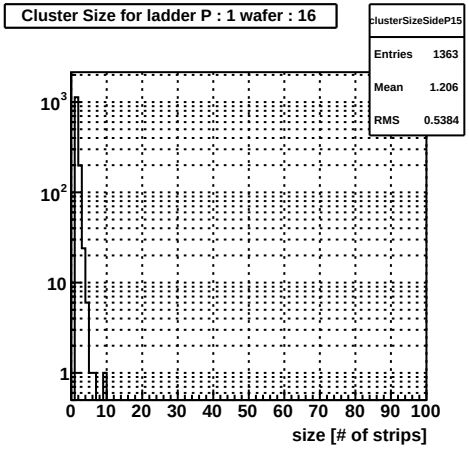

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4615
Mean 1.193
RMS 0.4584
size [# of strips]

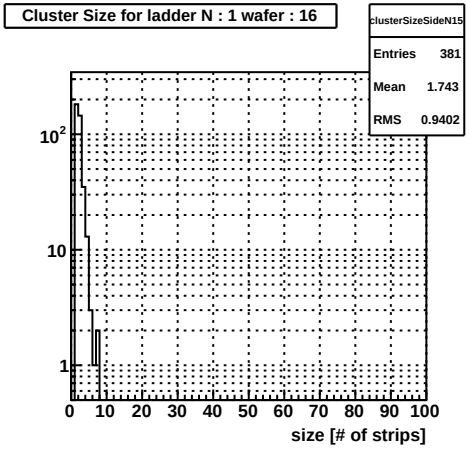

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7417
Mean 1.079
RMS 0.3478
size [# of strips]

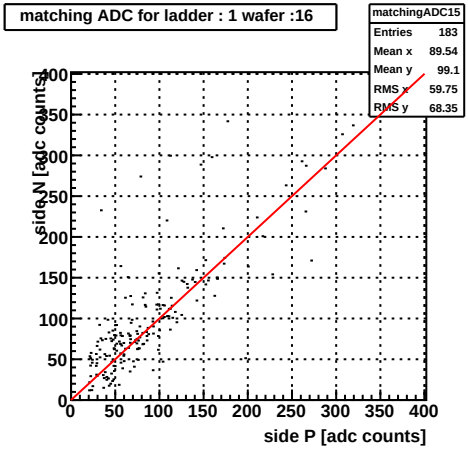

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 540
Mean x 73.75
Mean y 75.6
RMS x 53.87
RMS y 64.57
side N [adc counts]
side P [adc counts]

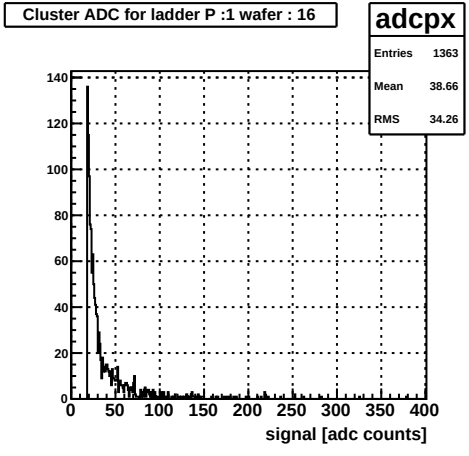

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4615
Mean 39.97
RMS 31.19
signal [adc counts]

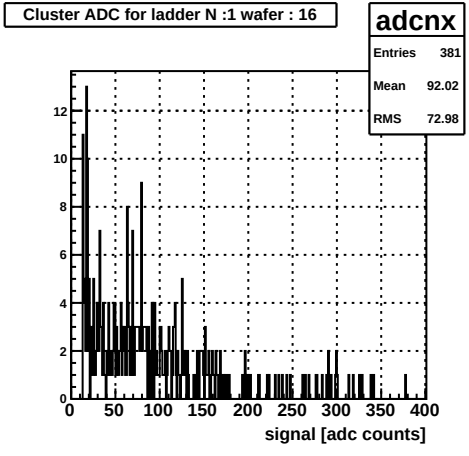

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7417
Mean 27.63
RMS 25.61
signal [adc counts]

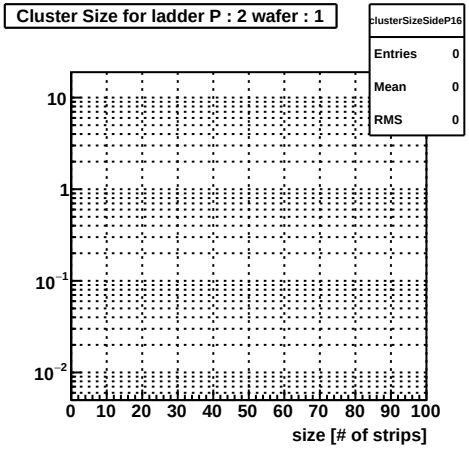

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1363
Mean 1.206
RMS 0.5384
size [# of strips]

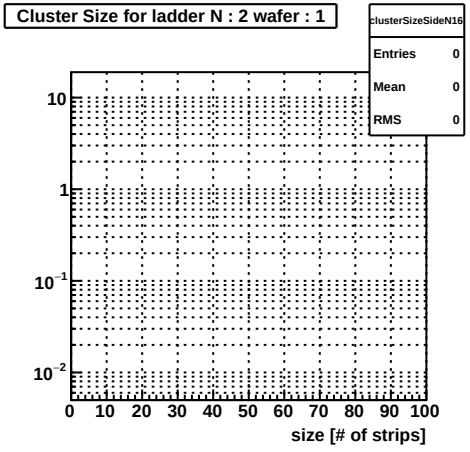

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 381
Mean 1.743
RMS 0.9402
size [# of strips]

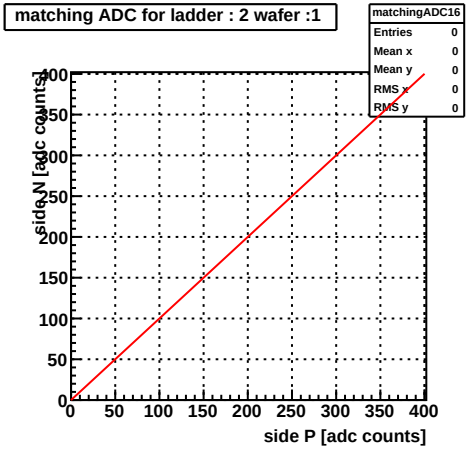

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 183
Mean x 89.54
Mean y 99.1
RMS x 59.75
RMS y 68.35
side N [adc counts]
side P [adc counts]

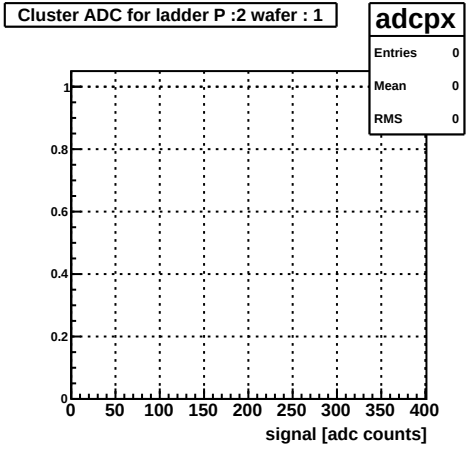

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1363
Mean 38.66
RMS 34.26
signal [adc counts]

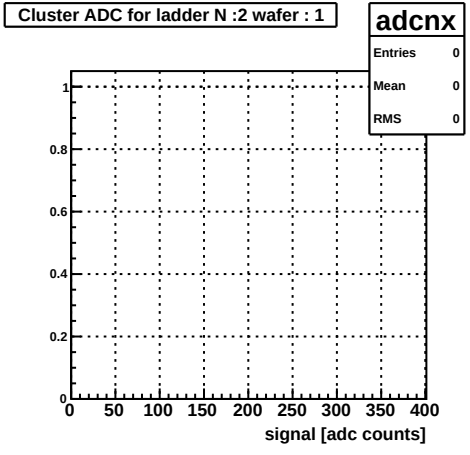

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 381
Mean 92.02
RMS 72.98
signal [adc counts]

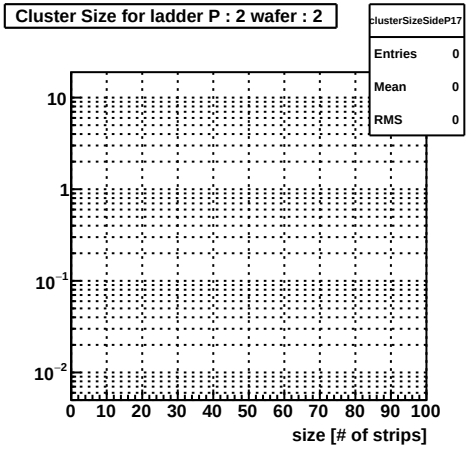

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

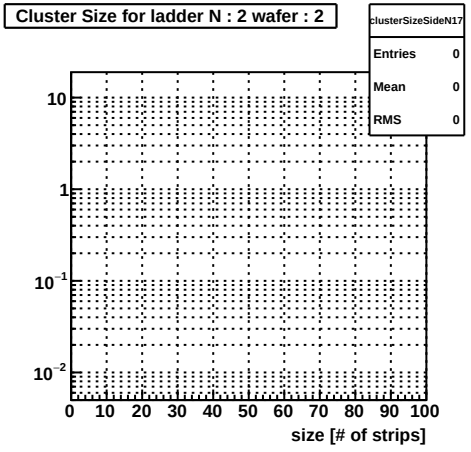

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

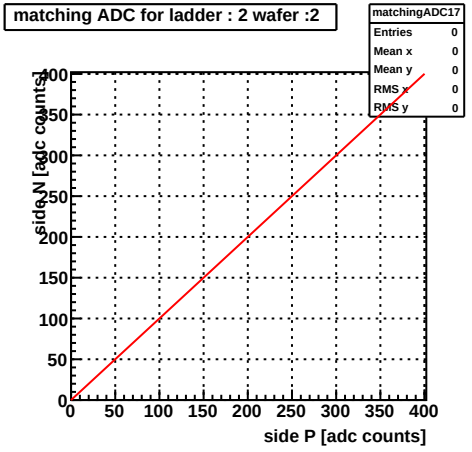

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

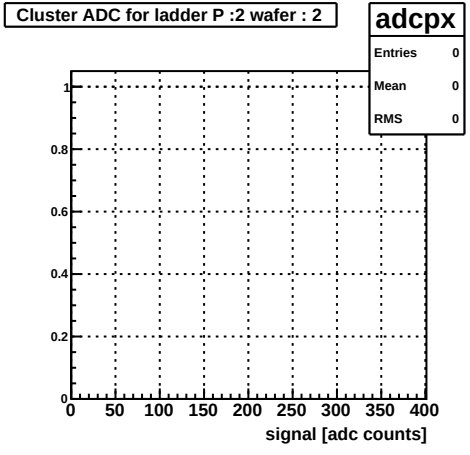

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

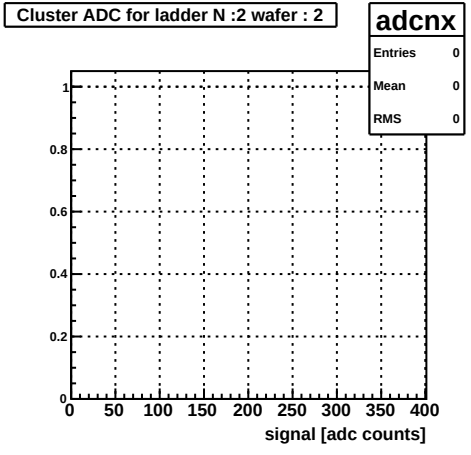

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

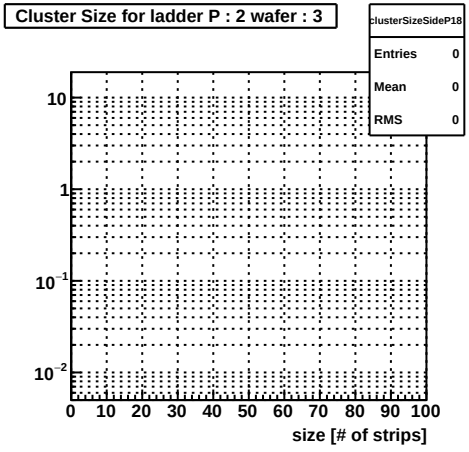

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

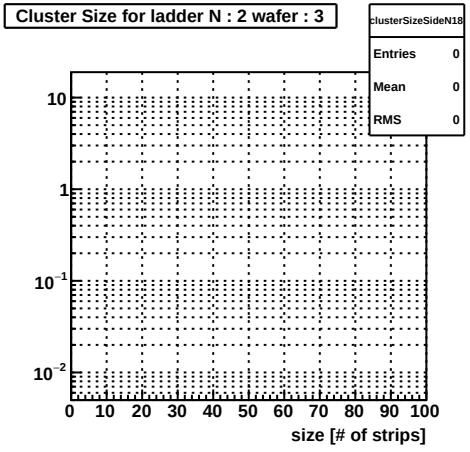

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

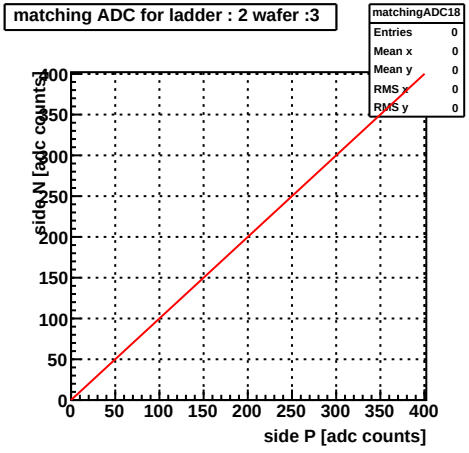

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

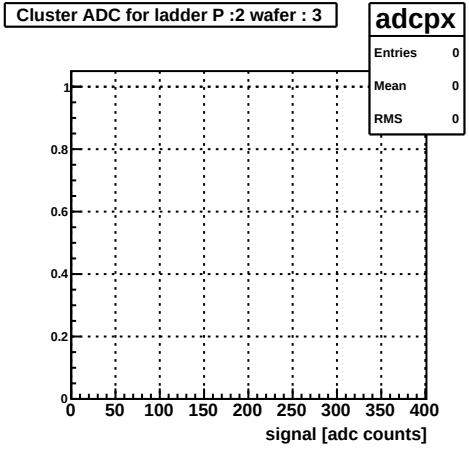

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

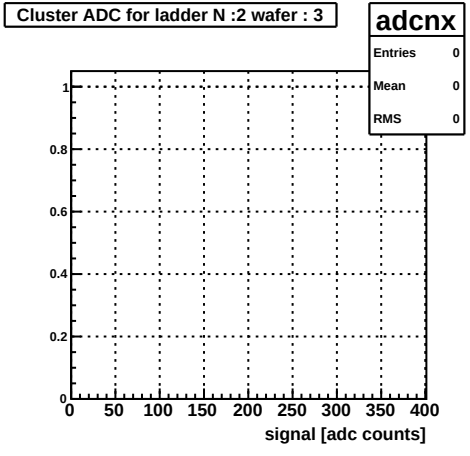

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

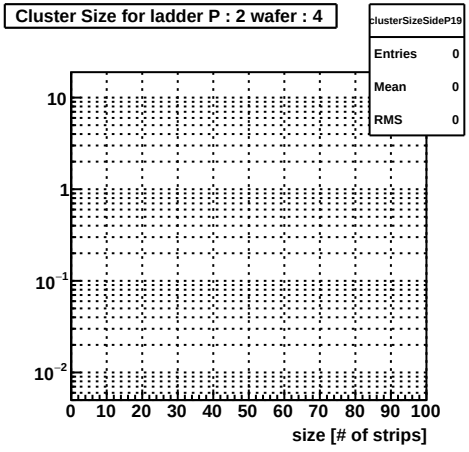

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

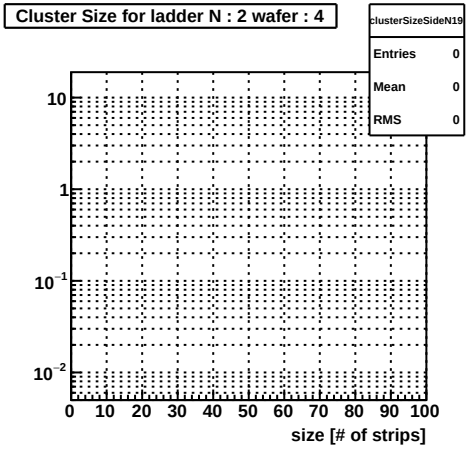

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

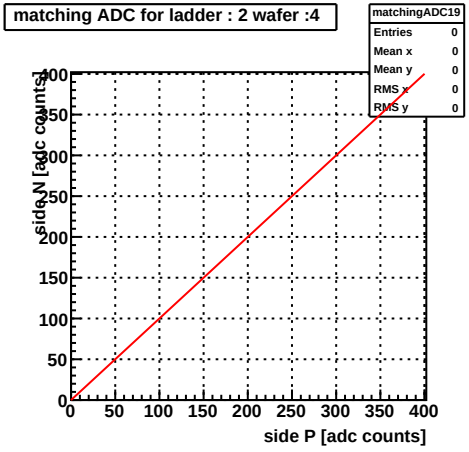

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

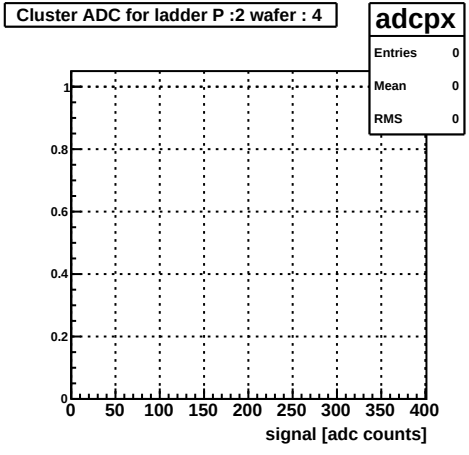

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

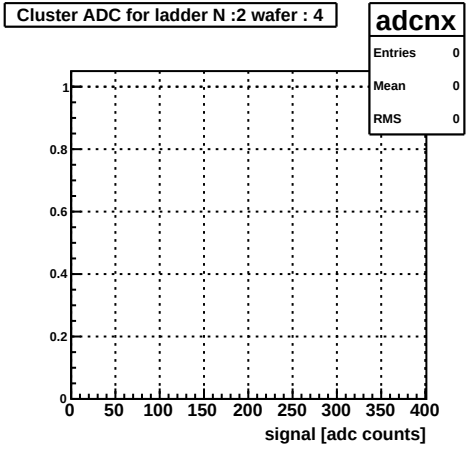

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

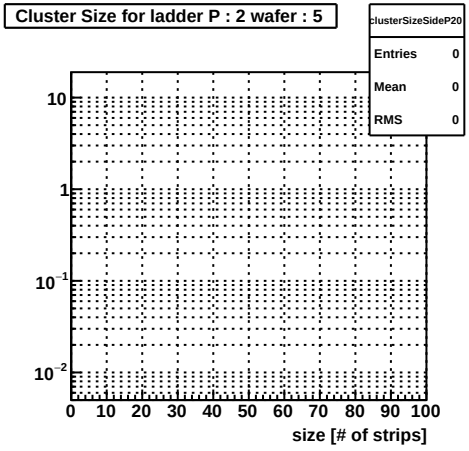

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

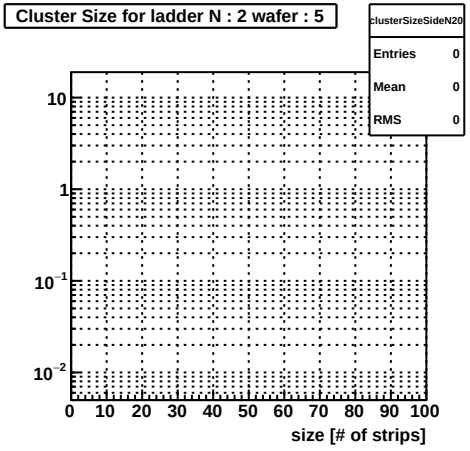

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

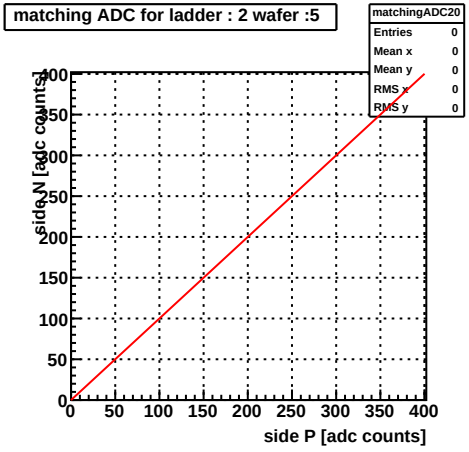

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

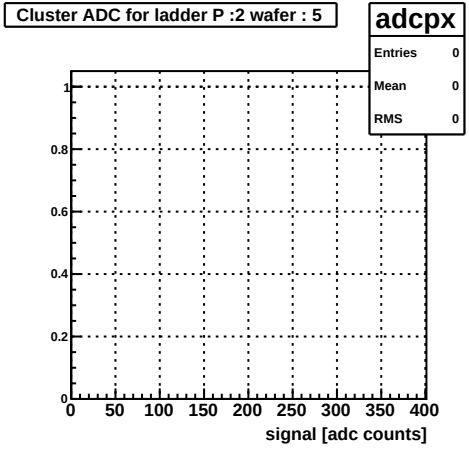

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

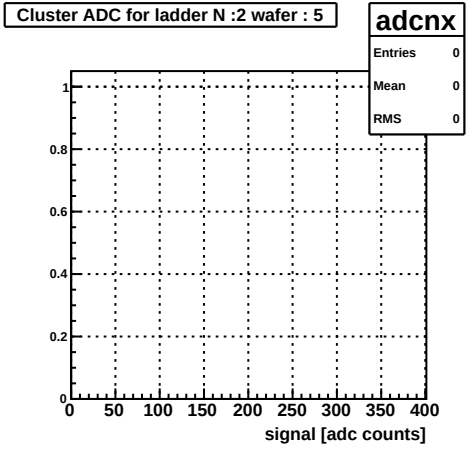

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

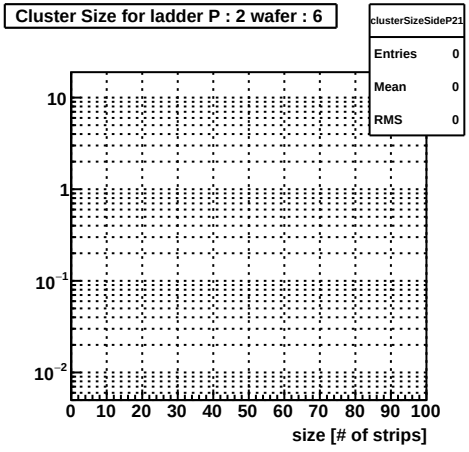

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

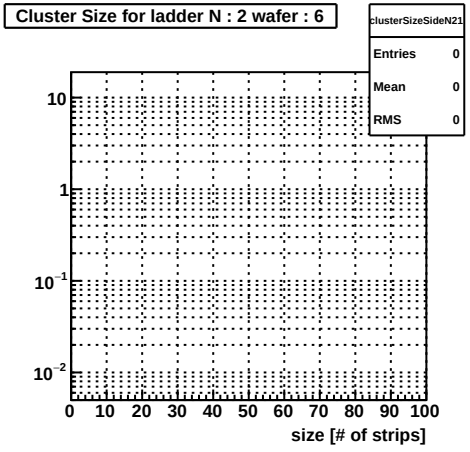

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

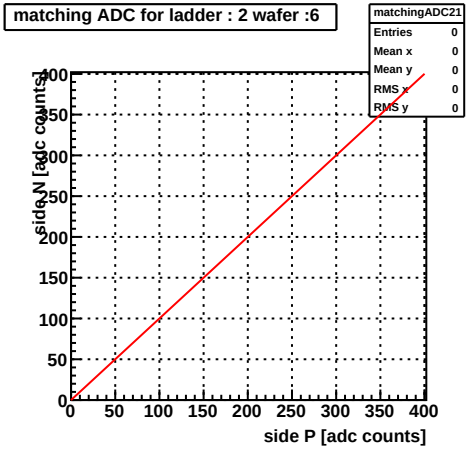

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

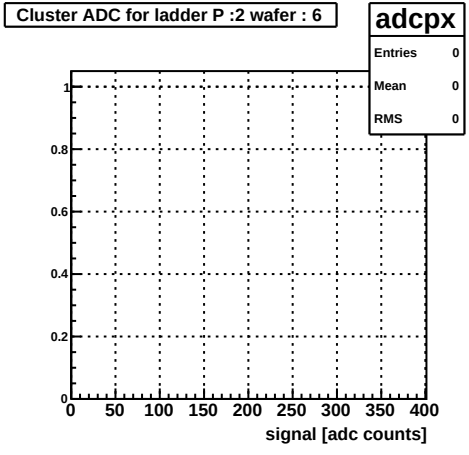

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

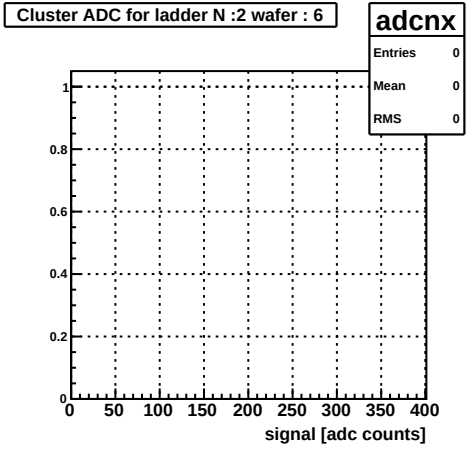

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

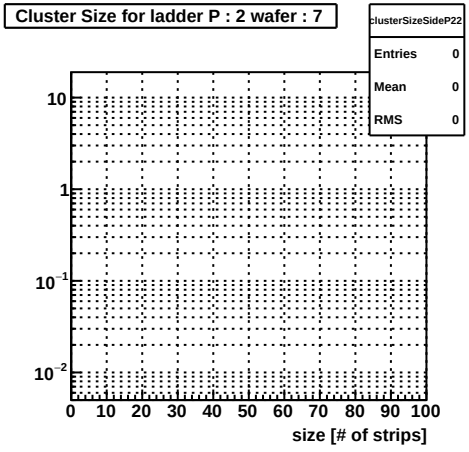

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

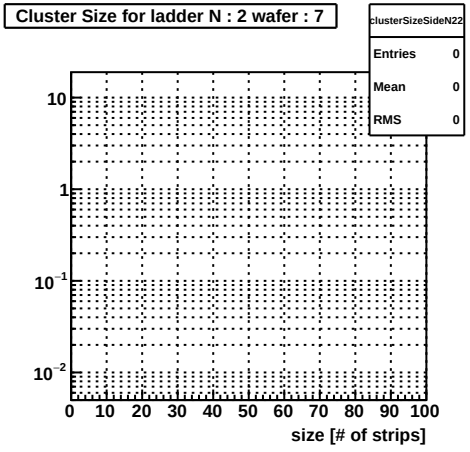

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

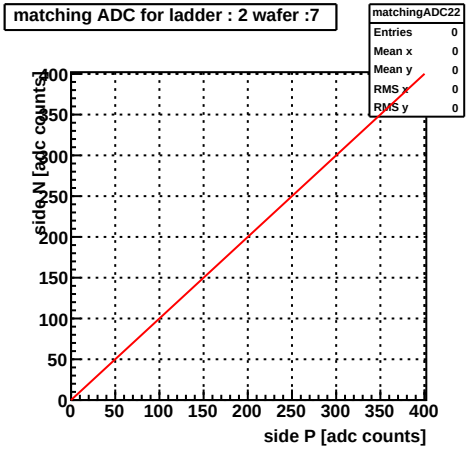

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

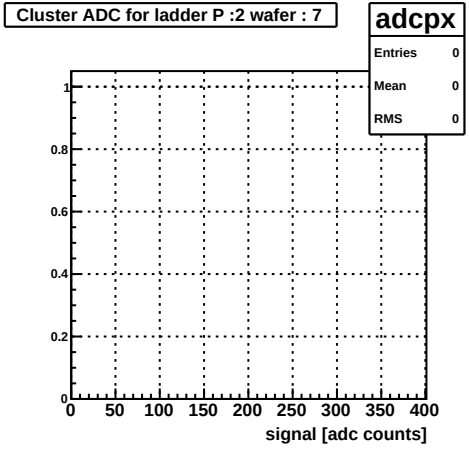

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

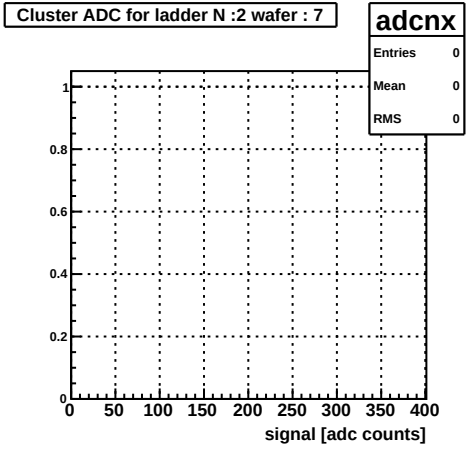

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

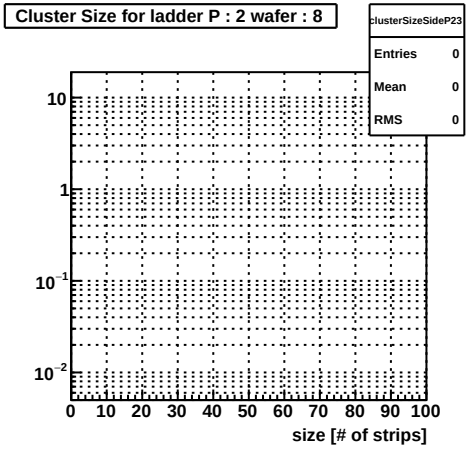

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

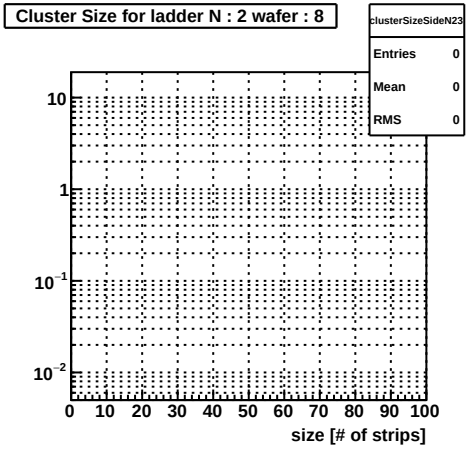

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

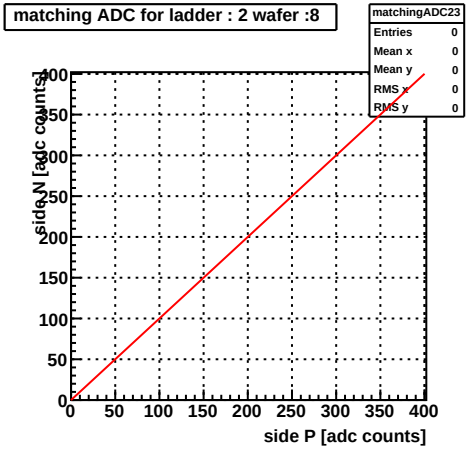

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

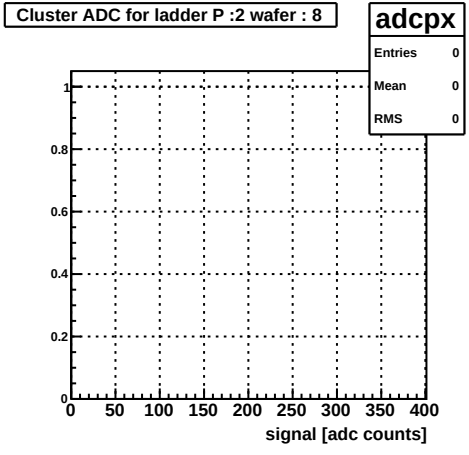

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

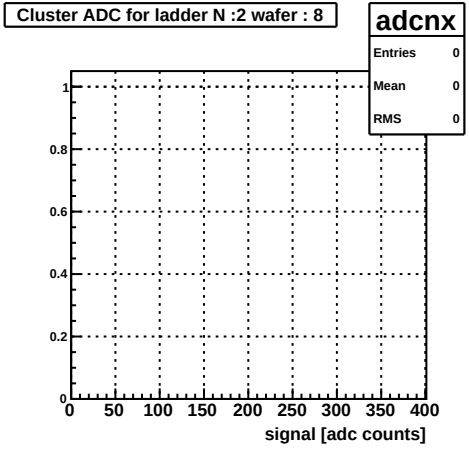

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

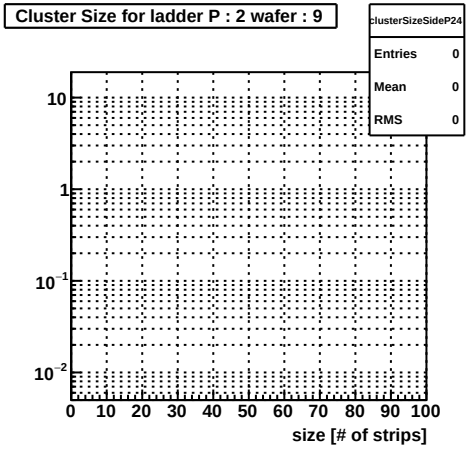

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

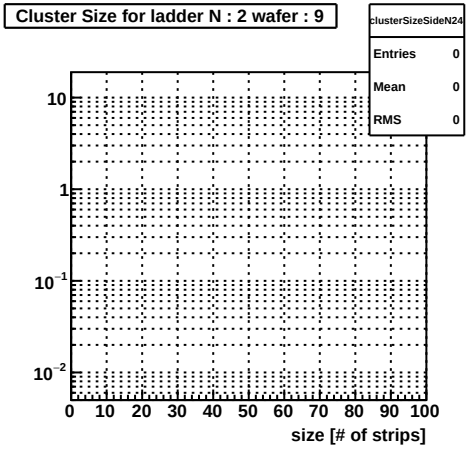

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

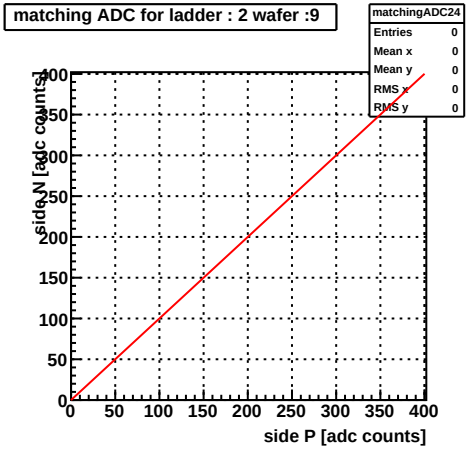

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

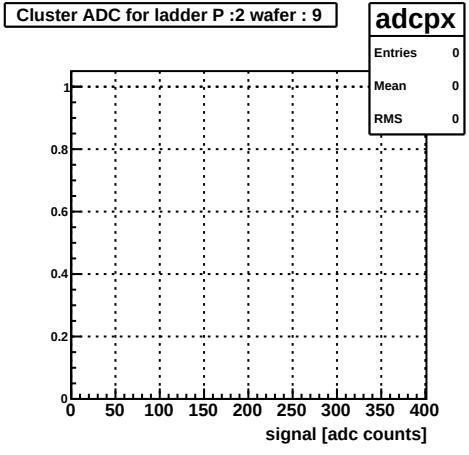

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

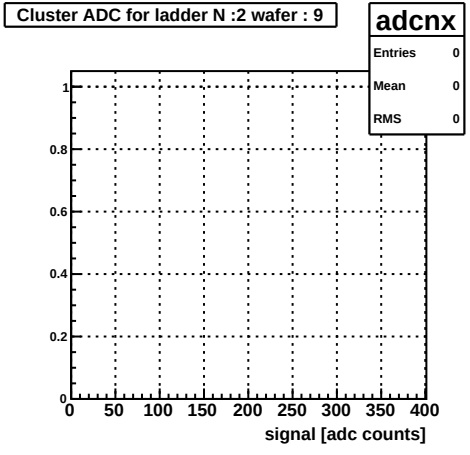

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

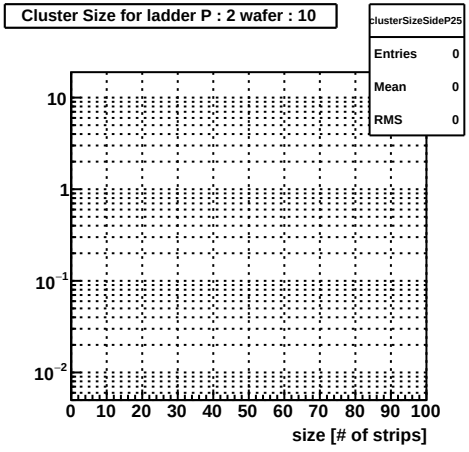

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

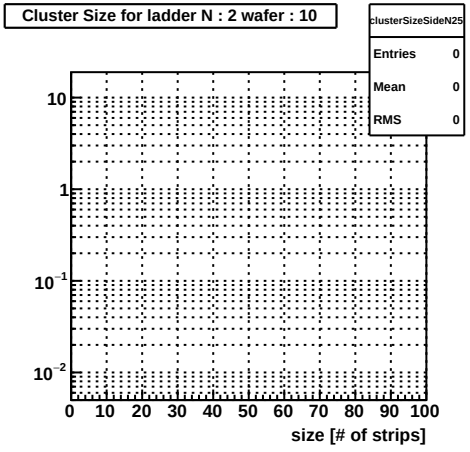

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

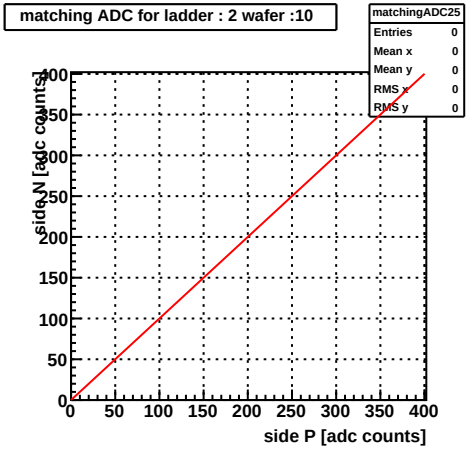

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

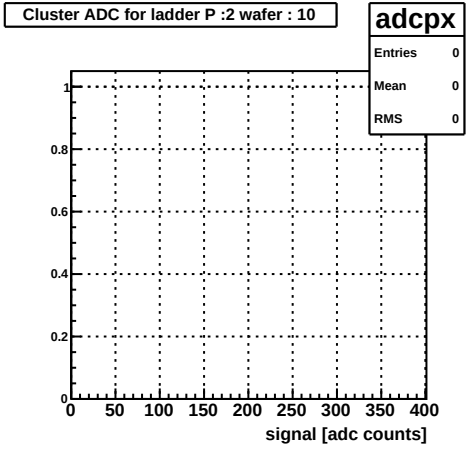

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

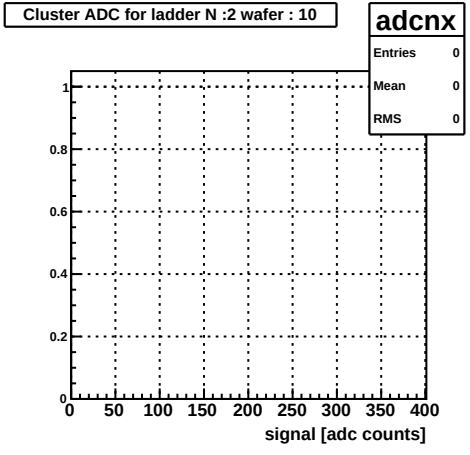

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

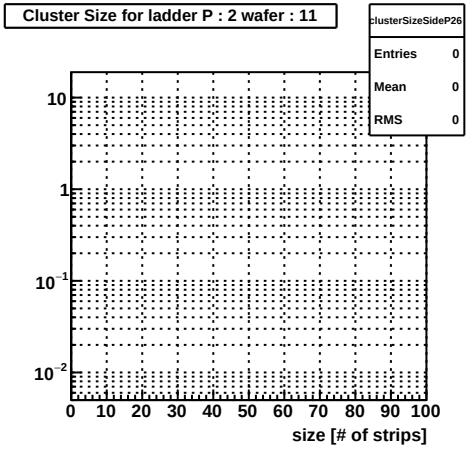

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

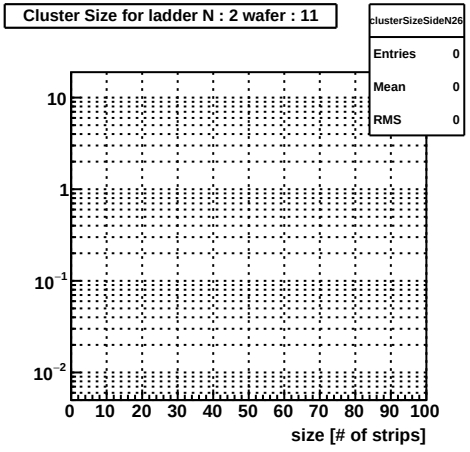

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

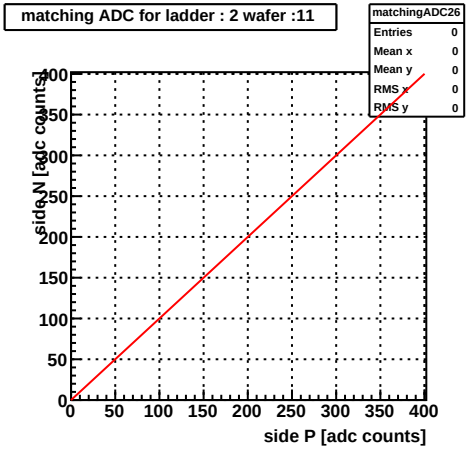

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

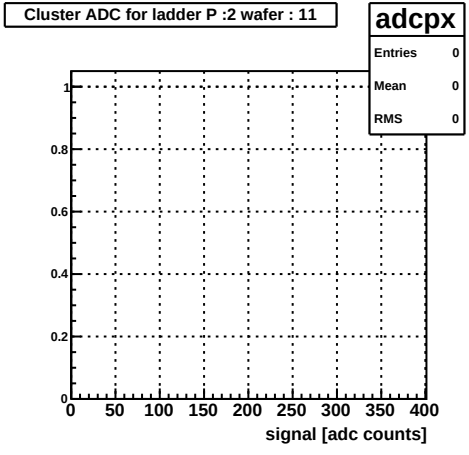

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

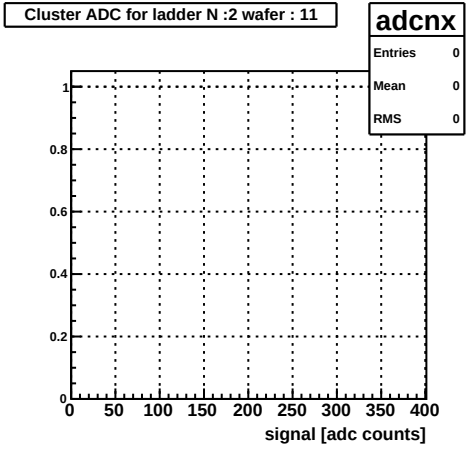

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

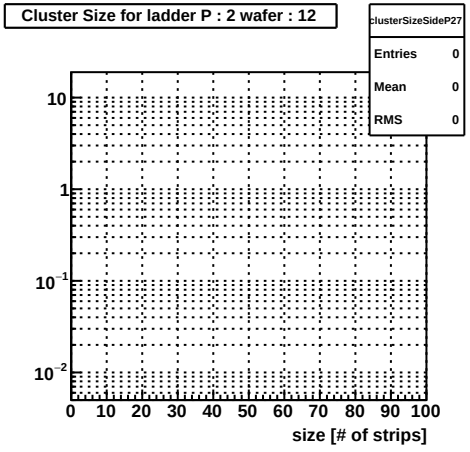

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

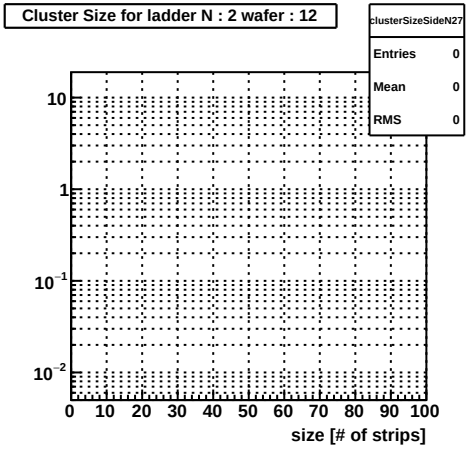

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

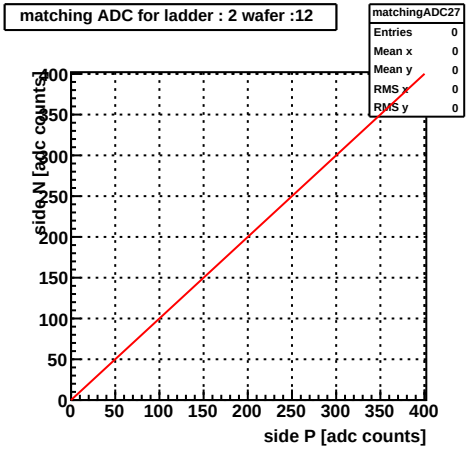

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

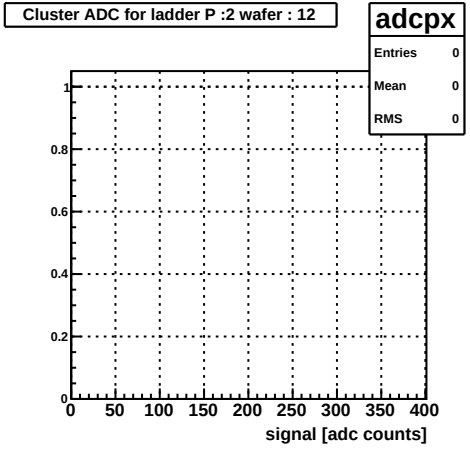

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

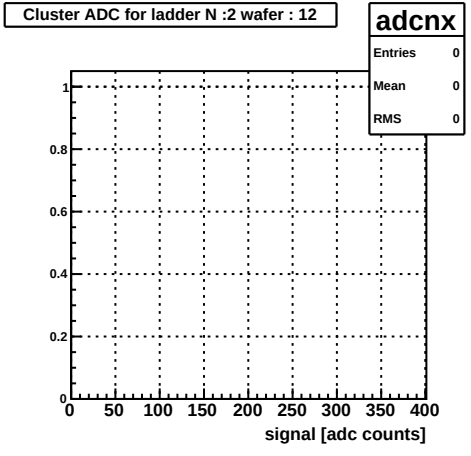

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

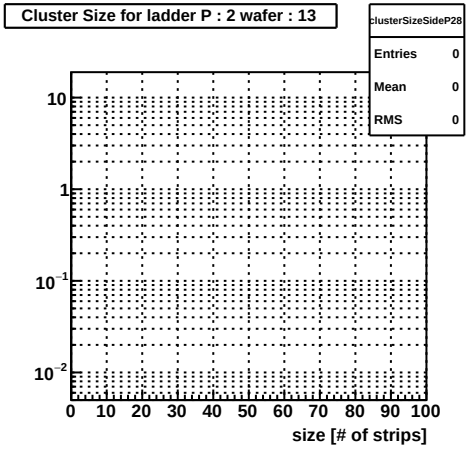

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

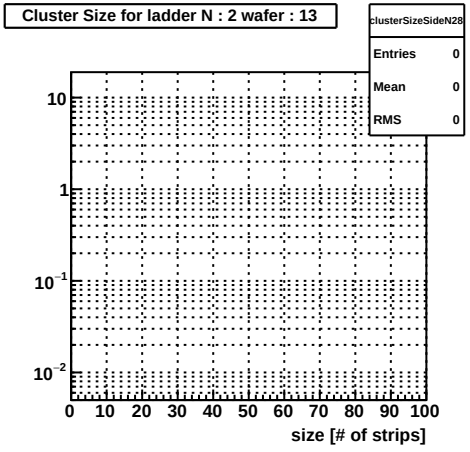

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

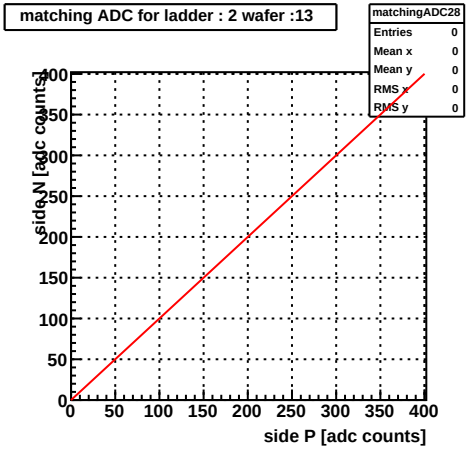

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

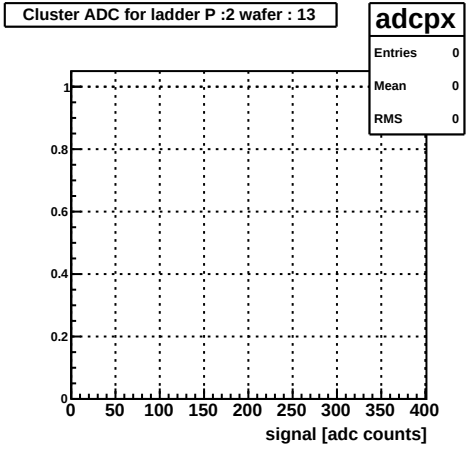

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

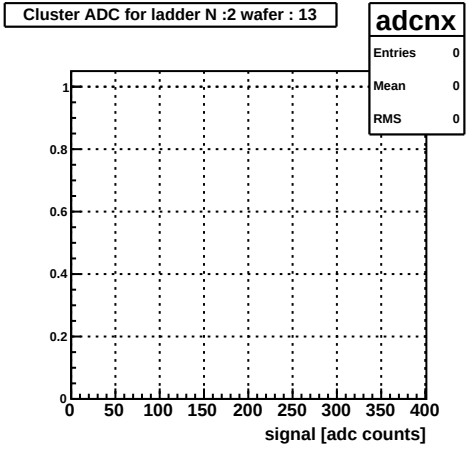

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

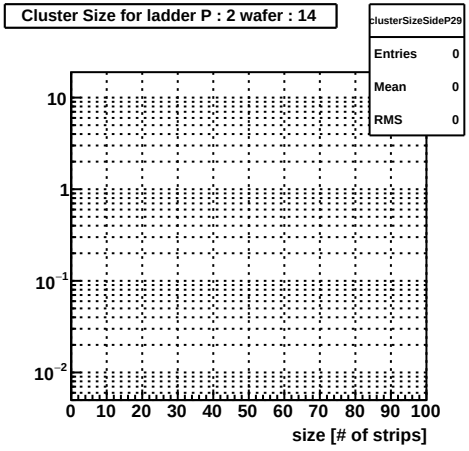

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

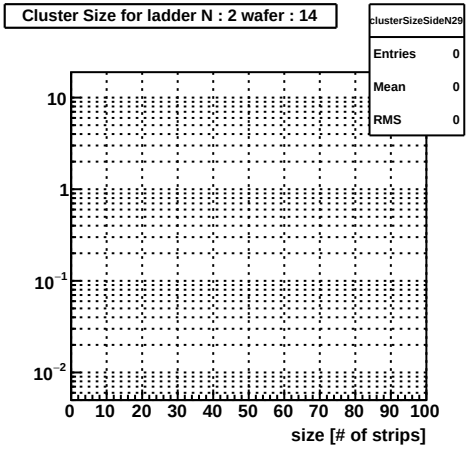

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

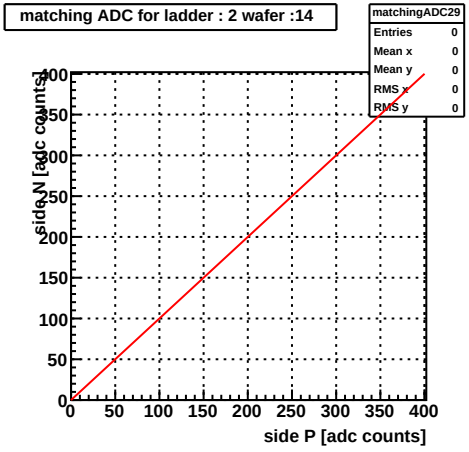

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

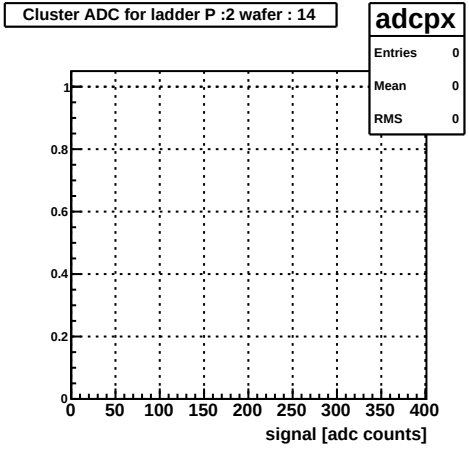

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

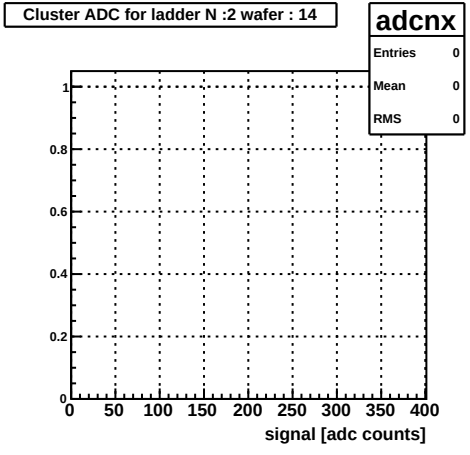

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

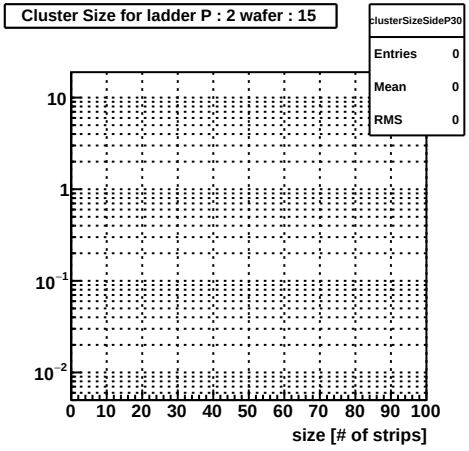

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

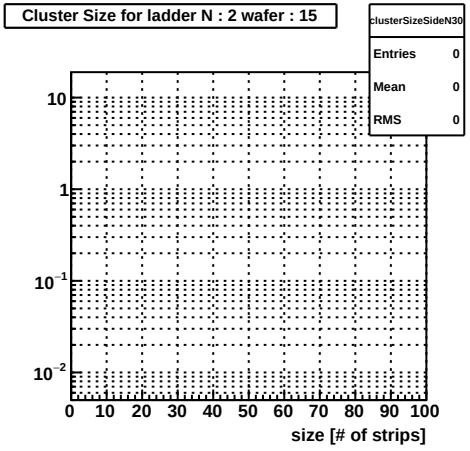

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

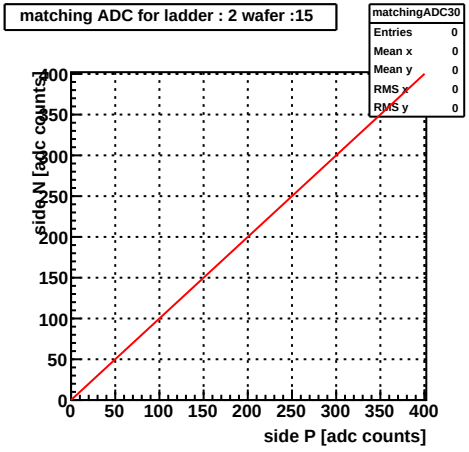

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

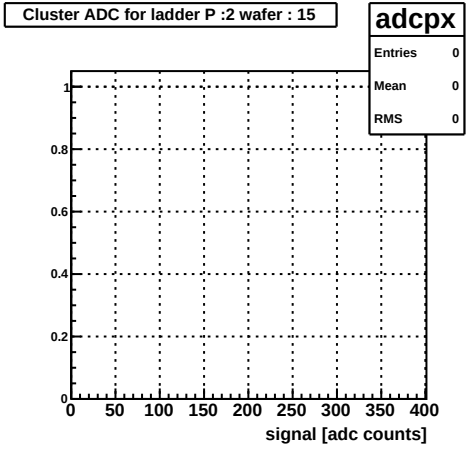

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

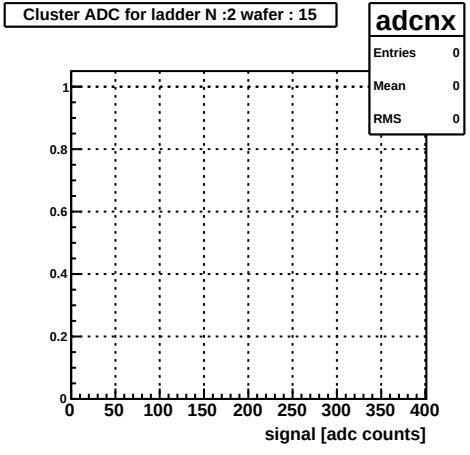

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

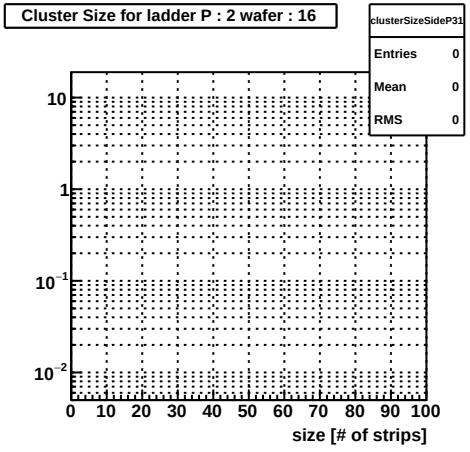

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

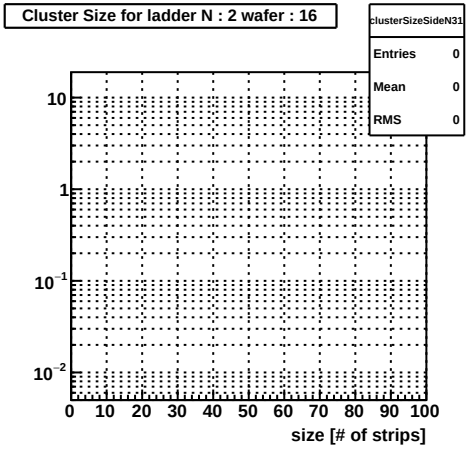

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

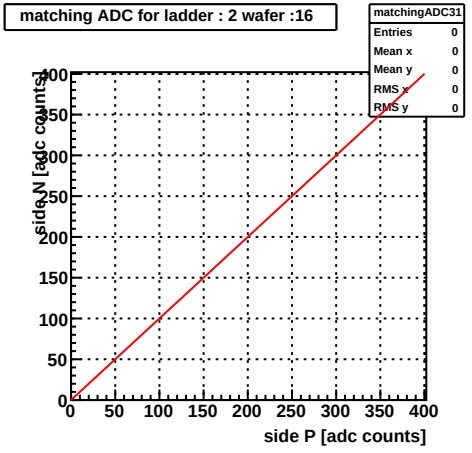

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

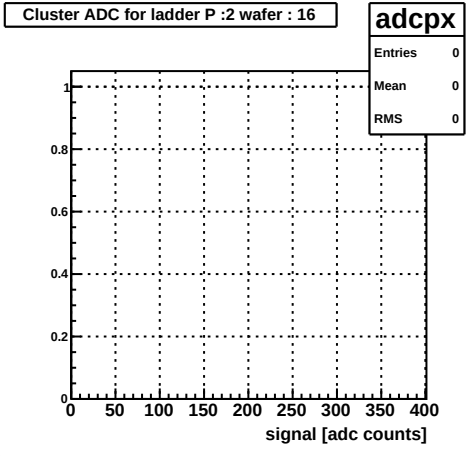

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

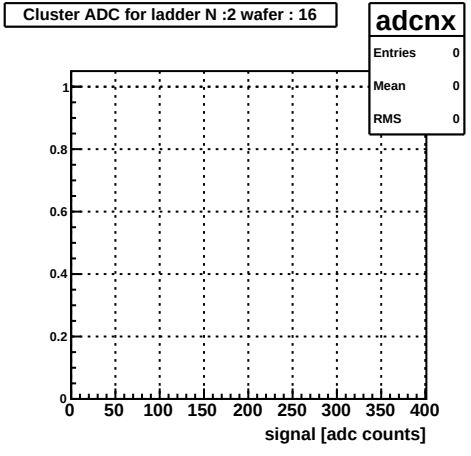

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

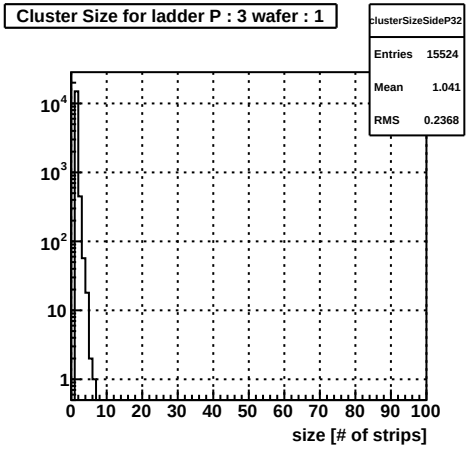

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

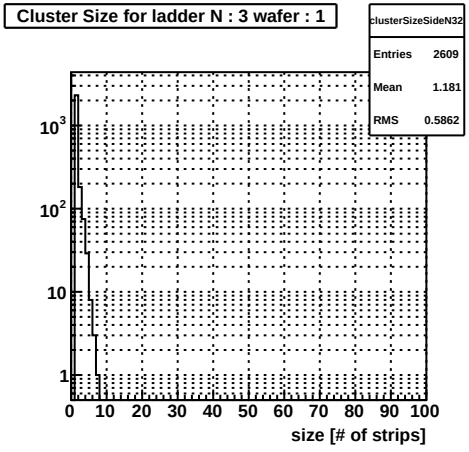

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

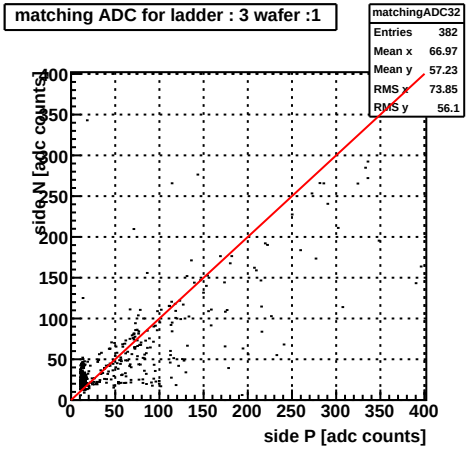

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

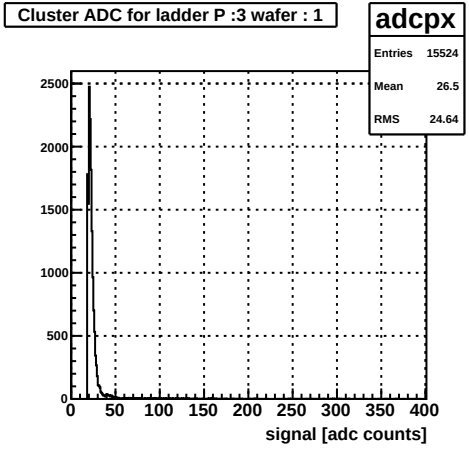

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

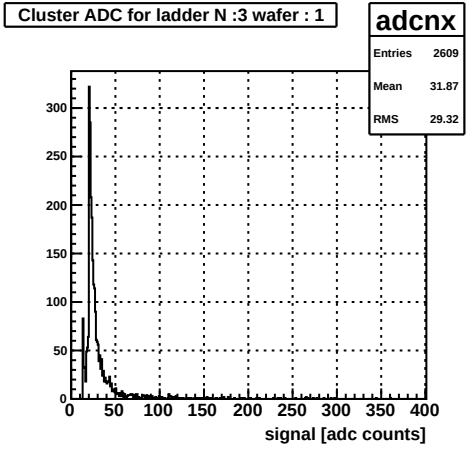

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

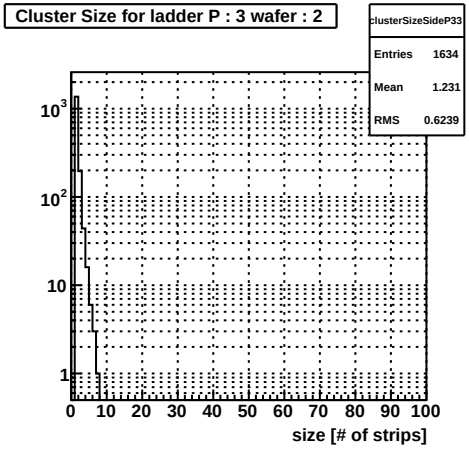

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15524
Mean 1.041
RMS 0.2368
size [# of strips]

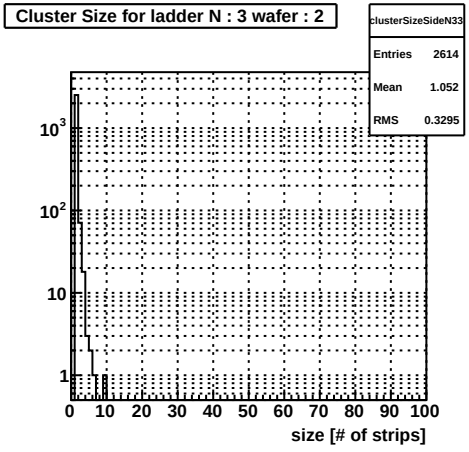

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2609
Mean 1.181
RMS 0.5862
size [# of strips]

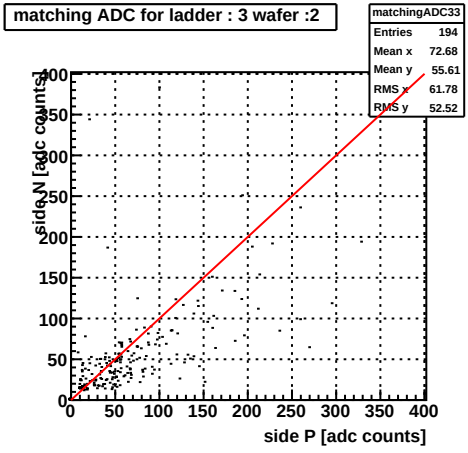

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 382
Mean x 66.97
Mean y 57.23
RMS x 73.85
RMS y 56.1
side N [adc counts]
side P [adc counts]

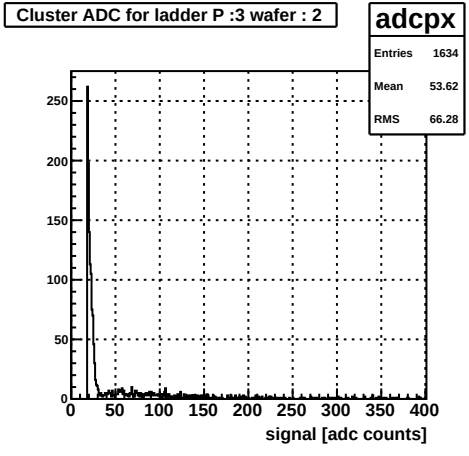

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15524
Mean 26.5
RMS 24.64
signal [adc counts]

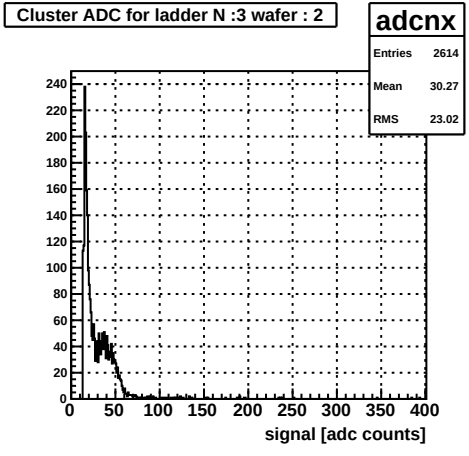

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2609
Mean 31.87
RMS 29.32
signal [adc counts]

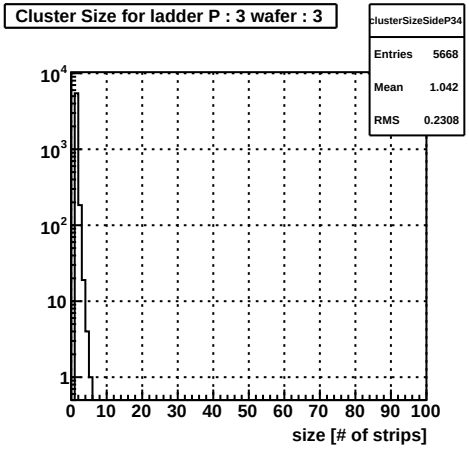

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1634
Mean 1.231
RMS 0.6239
size [# of strips]

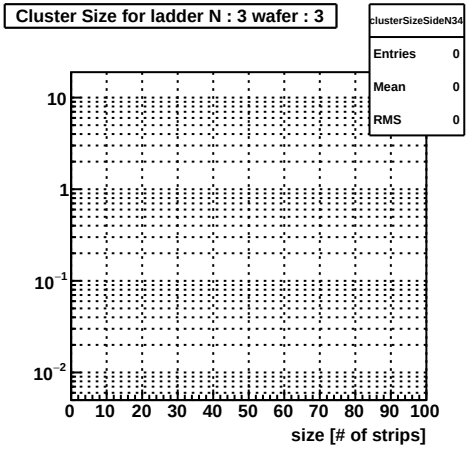

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2614
Mean 1.052
RMS 0.3295
size [# of strips]

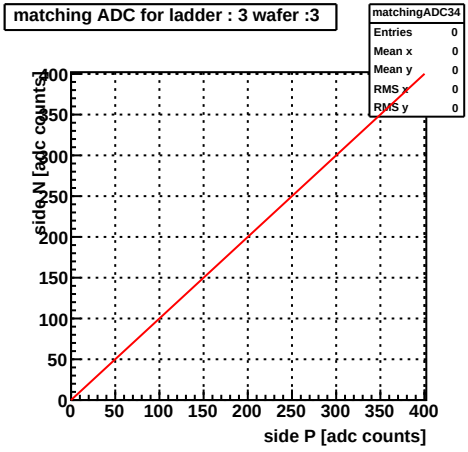

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 194
Mean x 72.68
Mean y 55.61
RMS x 61.78
RMS y 52.52
side N [adc counts]
side P [adc counts]

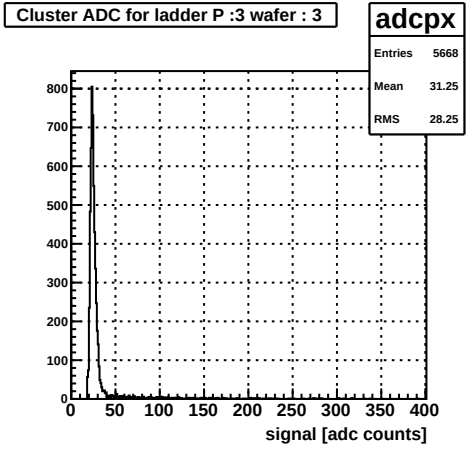

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1634
Mean 53.62
RMS 66.28
signal [adc counts]

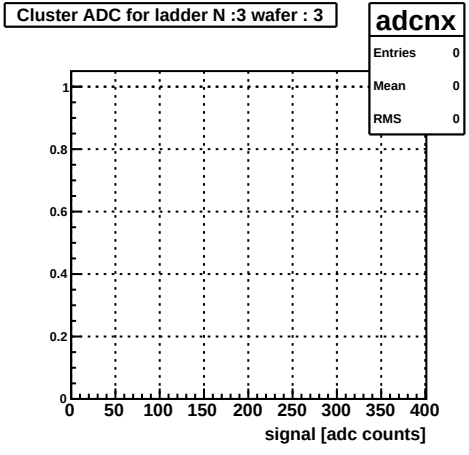

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2614
Mean 30.27
RMS 23.02
signal [adc counts]

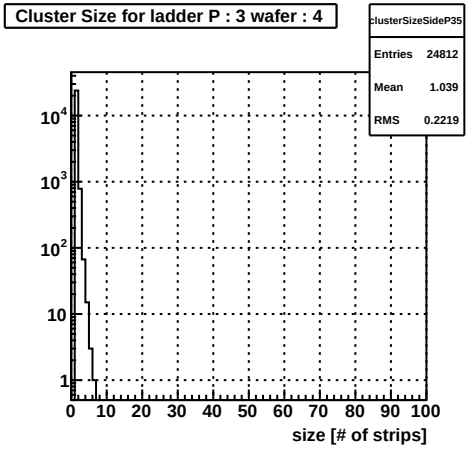

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5668
Mean 1.042
RMS 0.2308
size [# of strips]

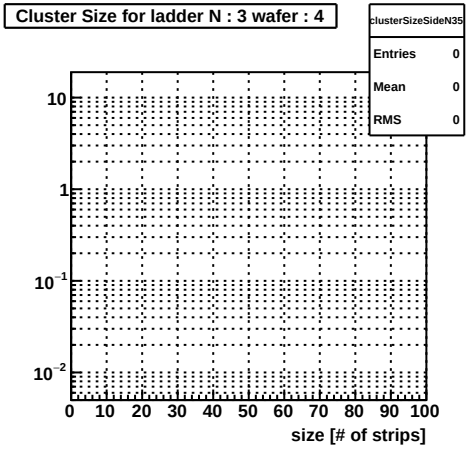

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

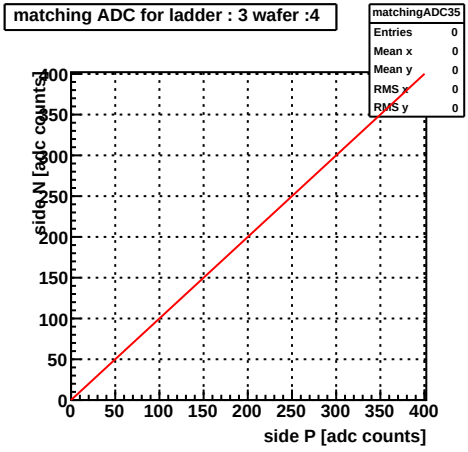

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

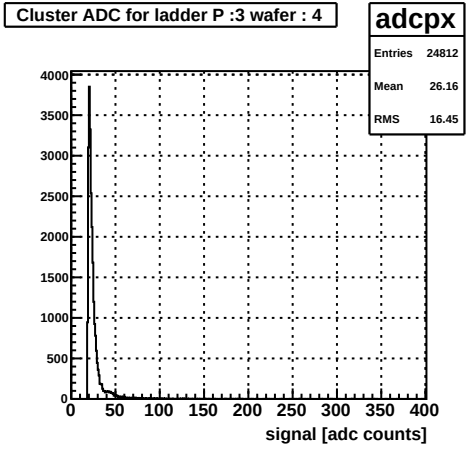

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5668
Mean 31.25
RMS 28.25
signal [adc counts]

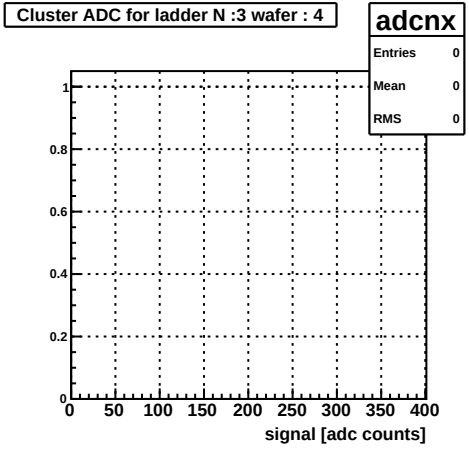

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

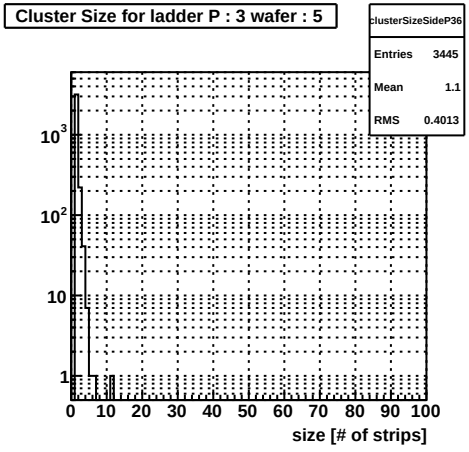

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 24812
Mean 1.039
RMS 0.2219
size [# of strips]

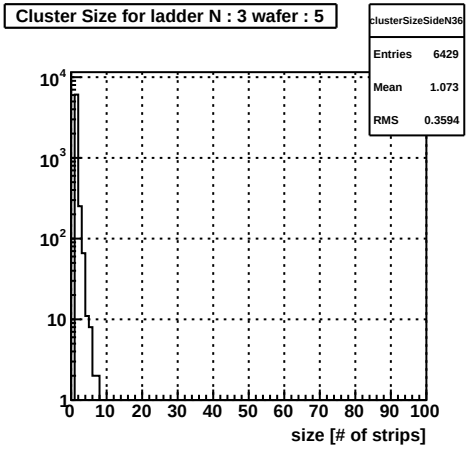

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

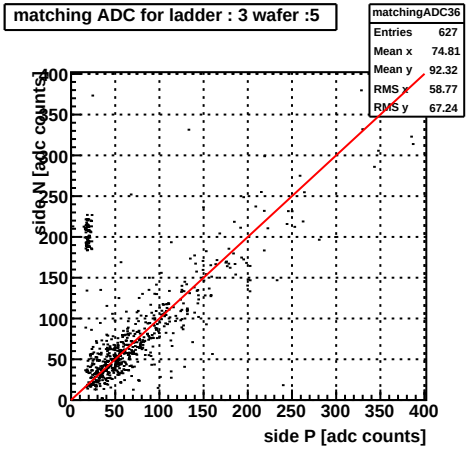

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

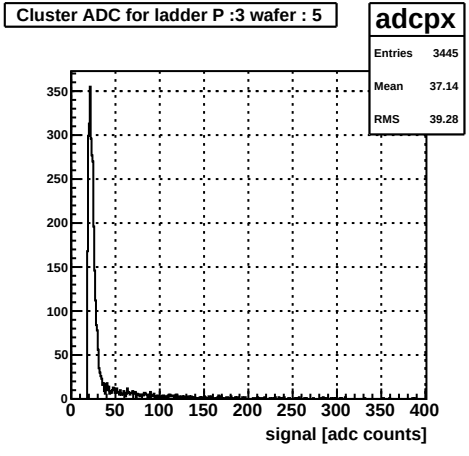

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 24812
Mean 26.16
RMS 16.45
signal [adc counts]

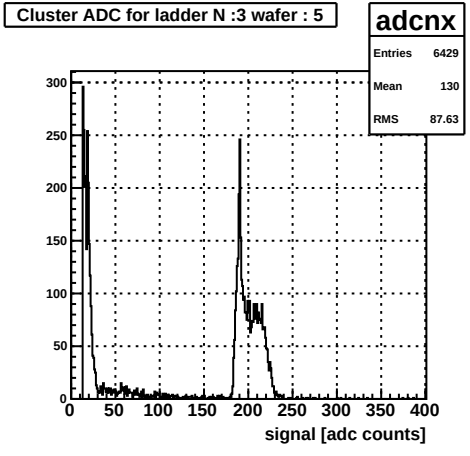

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

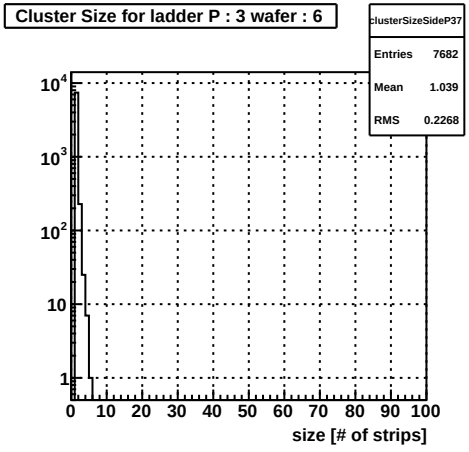

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3445
Mean 1.1
RMS 0.4013
size [# of strips]

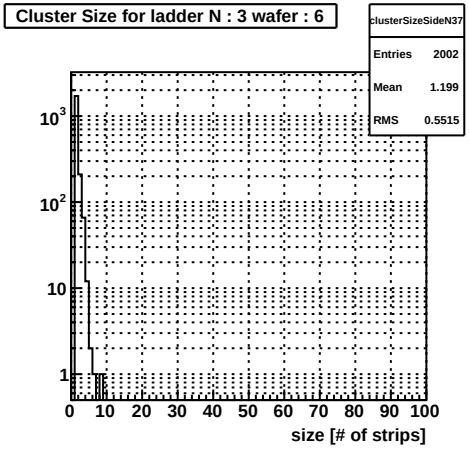

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6429
Mean 1.073
RMS 0.3594
size [# of strips]

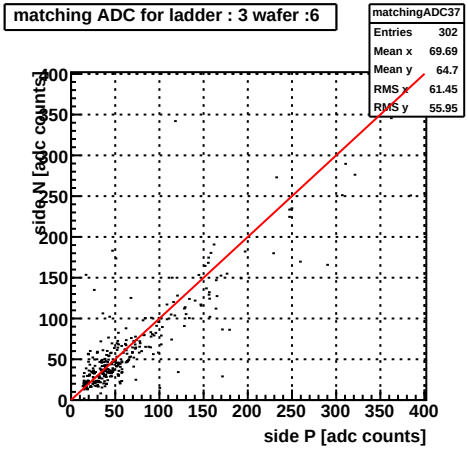

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 627
Mean x 74.81
Mean y 92.32
RMS x 58.77
RMS y 67.24
side N [adc counts]
side P [adc counts]

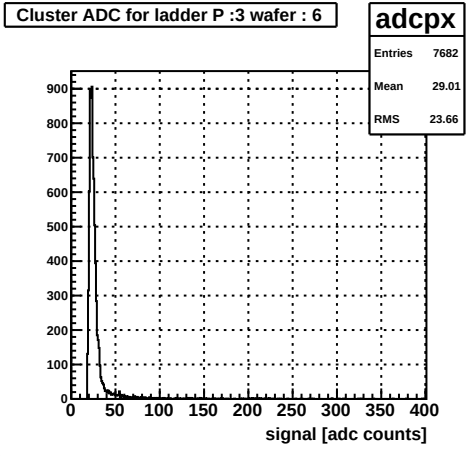

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3445
Mean 37.14
RMS 39.28
signal [adc counts]

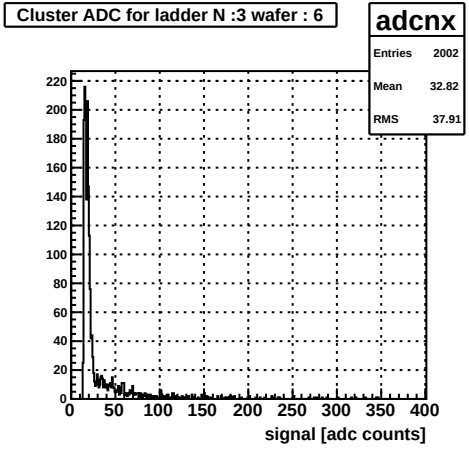

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6429
Mean 130
RMS 87.63
signal [adc counts]

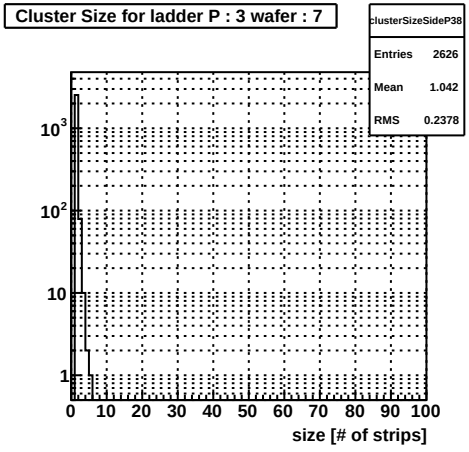

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7682
Mean 1.039
RMS 0.2268
size [# of strips]

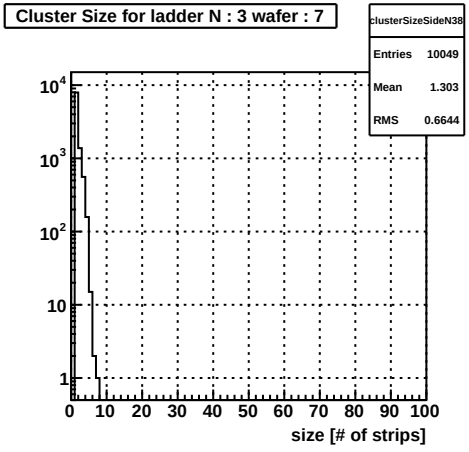

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2002
Mean 1.199
RMS 0.5515
size [# of strips]

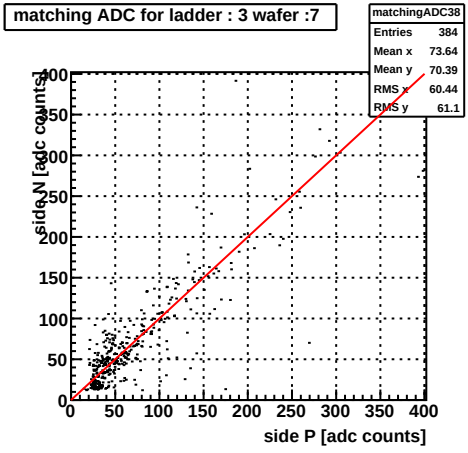

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 302
Mean x 69.69
Mean y 64.7
RMS x 61.45
RMS y 55.95
side N [adc counts]
side P [adc counts]

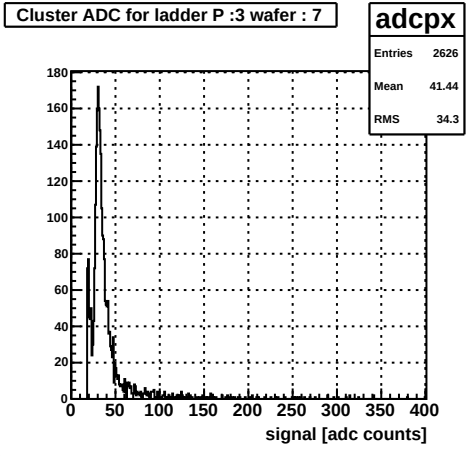

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7682
Mean 29.01
RMS 23.66
signal [adc counts]

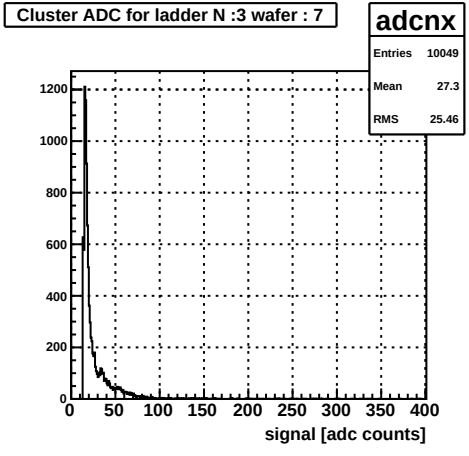

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2002
Mean 32.82
RMS 37.91
signal [adc counts]

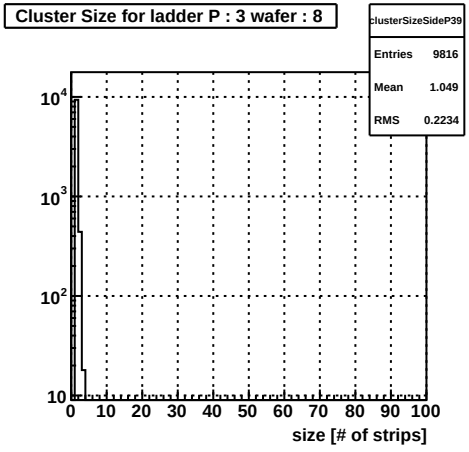

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2626
Mean 1.042
RMS 0.2378
size [# of strips]

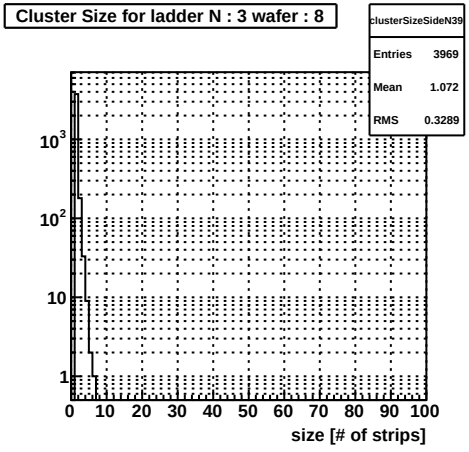

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 10049
Mean 1.303
RMS 0.6644
size [# of strips]

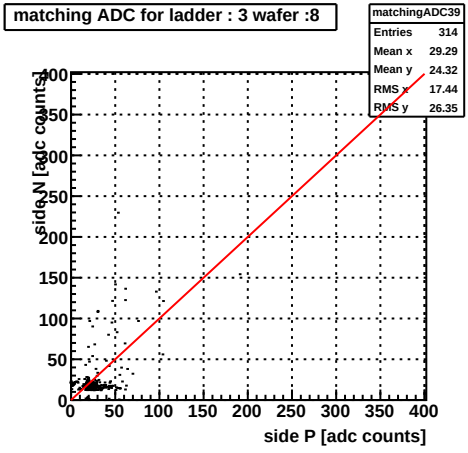

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 384
Mean x 73.64
Mean y 70.39
RMS x 60.44
RMS y 61.1
side N [adc counts]
side P [adc counts]

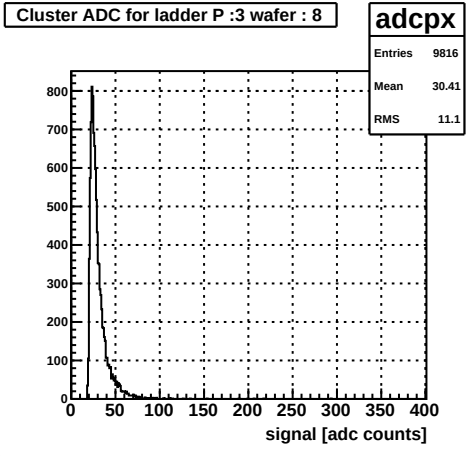

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2626
Mean 41.44
RMS 34.3
signal [adc counts]

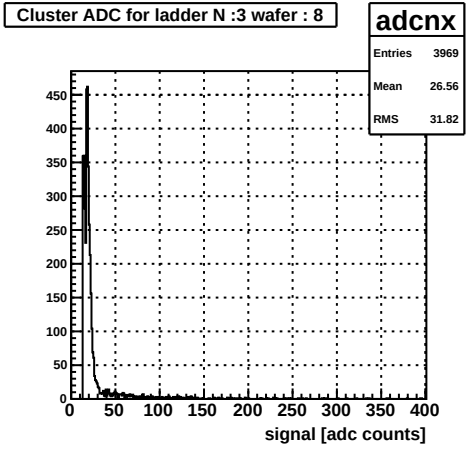

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 10049
Mean 27.3
RMS 25.46
signal [adc counts]

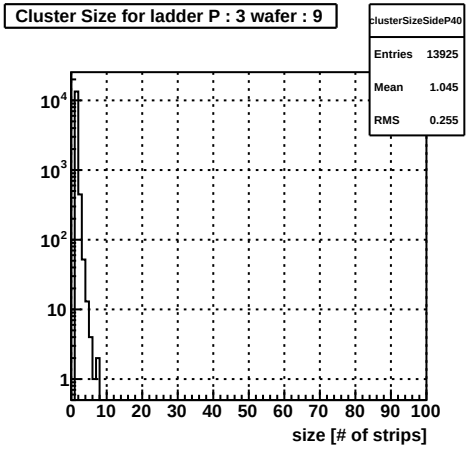

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 9816
Mean 1.049
RMS 0.2234
size [# of strips]

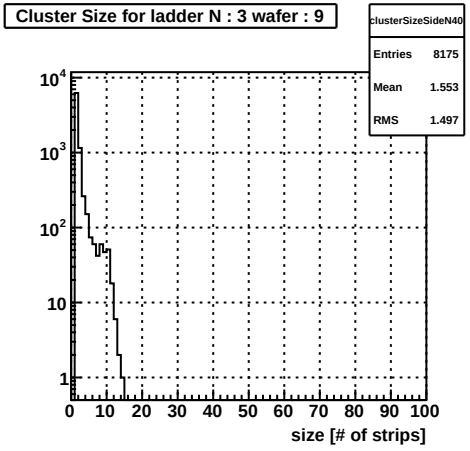

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3969
Mean 1.072
RMS 0.3289
size [# of strips]

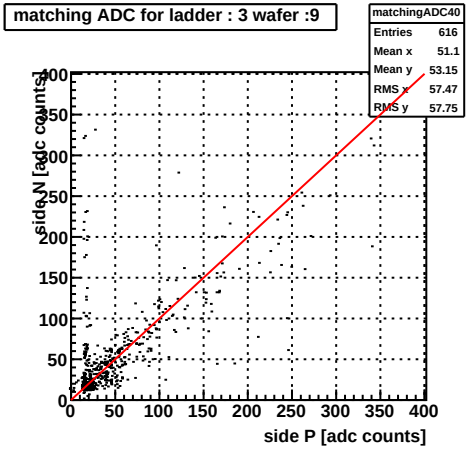

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 314
Mean x 29.29
Mean y 24.32
RMS x 17.44
RMS y 26.35
side N [adc counts]
side P [adc counts]

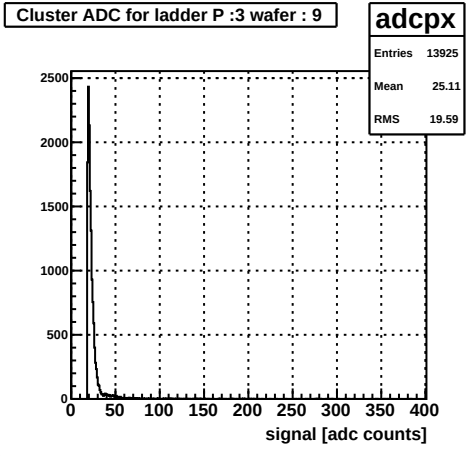

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 9816
Mean 30.41
RMS 11.1
signal [adc counts]

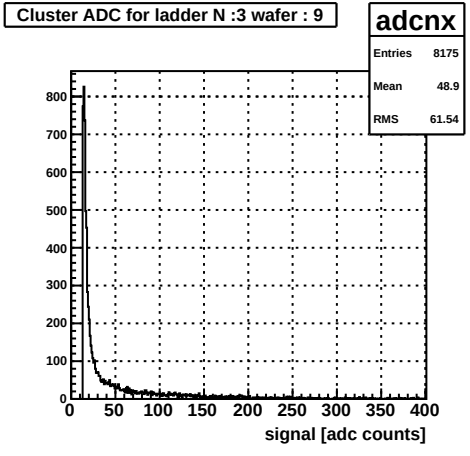

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3969
Mean 26.56
RMS 31.82
signal [adc counts]

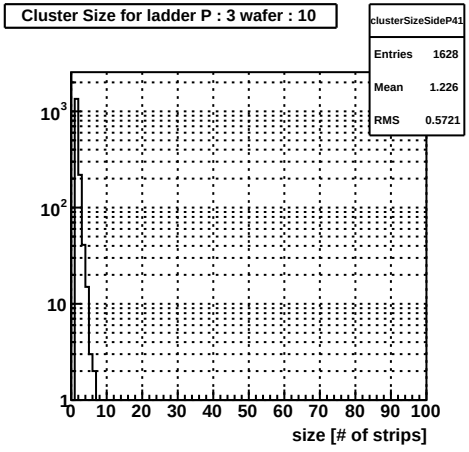

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 13925
Mean 1.045
RMS 0.255
size [# of strips]

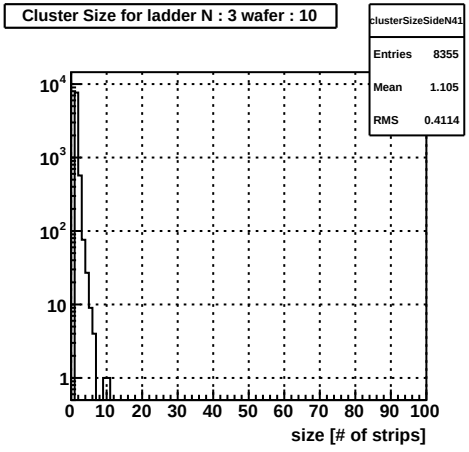

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8175
Mean 1.553
RMS 1.497
size [# of strips]

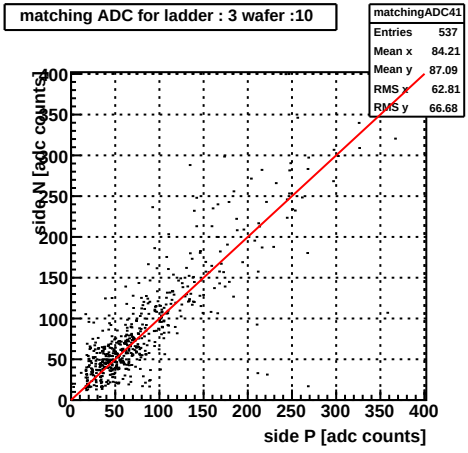

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 616
Mean x 51.1
Mean y 53.15
RMS x 57.47
RMS y 57.75
side N [adc counts]
side P [adc counts]

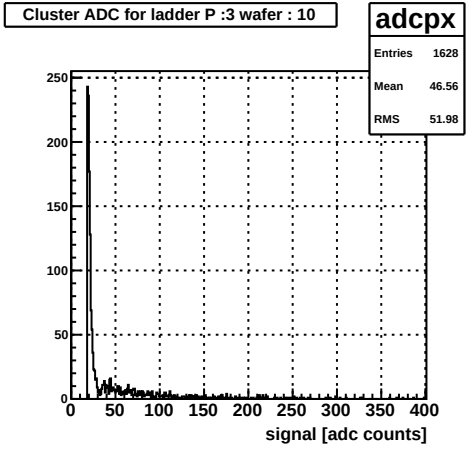

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 13925
Mean 25.11
RMS 19.59
signal [adc counts]

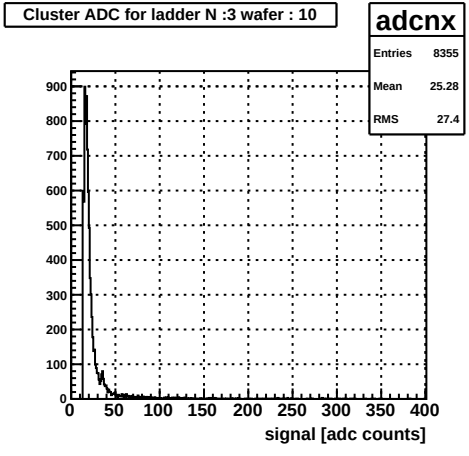

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8175
Mean 48.9
RMS 61.54
signal [adc counts]

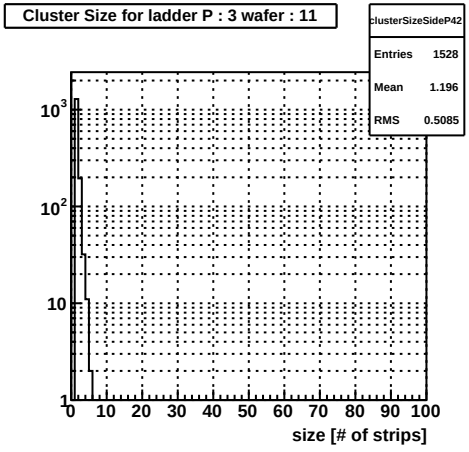

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1628
Mean 1.226
RMS 0.5721
size [# of strips]

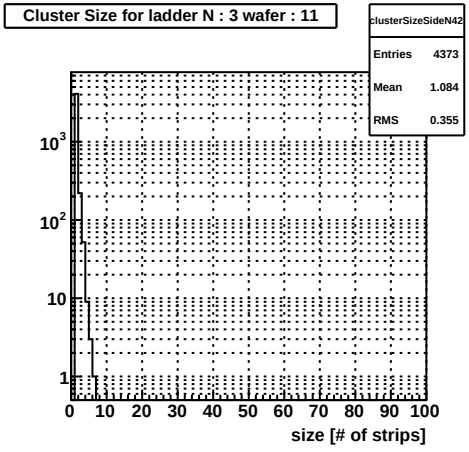

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8355
Mean 1.105
RMS 0.4114
size [# of strips]

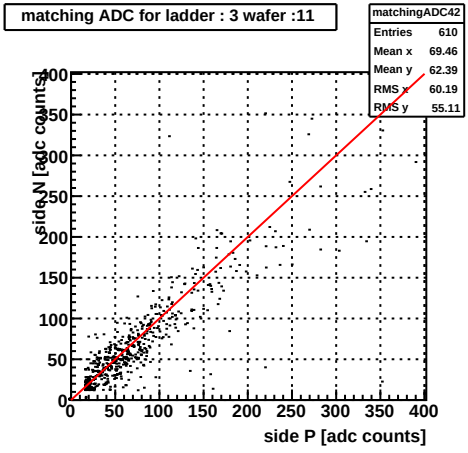

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 537
Mean x 84.21
Mean y 87.09
RMS x 62.81
RMS y 66.68
side N [adc counts]
side P [adc counts]

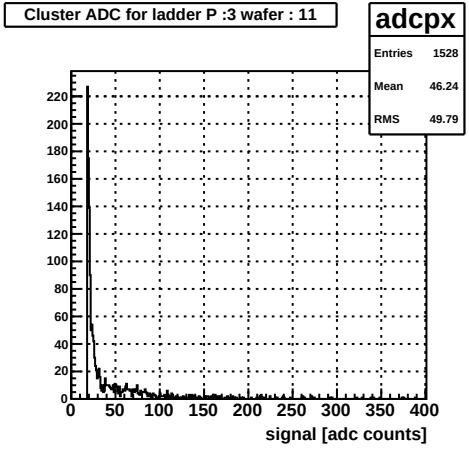

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1628
Mean 46.56
RMS 51.98
signal [adc counts]

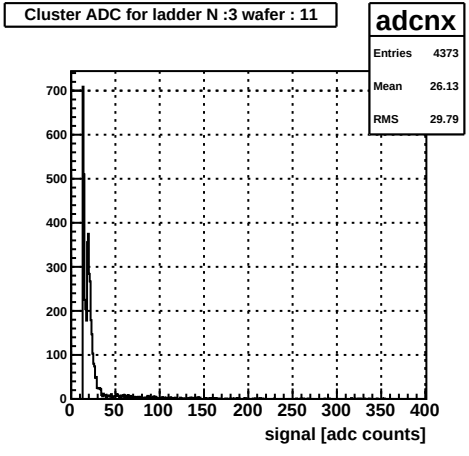

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8355
Mean 25.28
RMS 27.4
signal [adc counts]

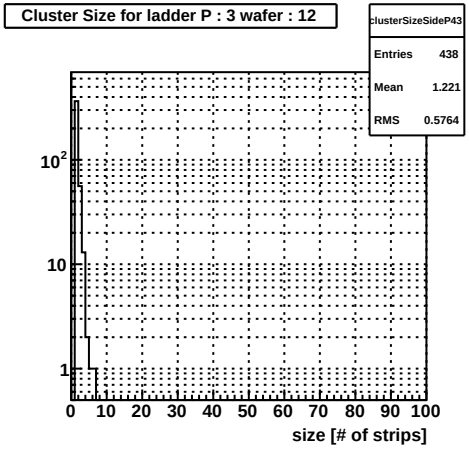

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1528
Mean 1.196
RMS 0.5085
size [# of strips]

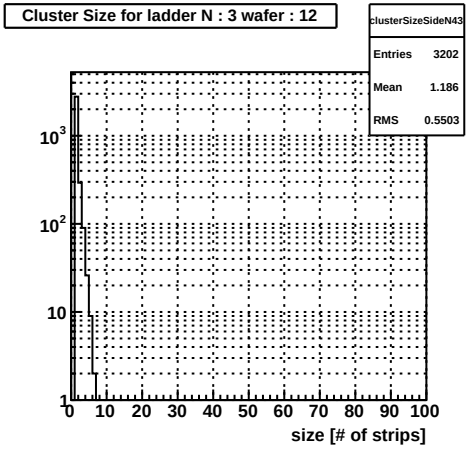

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4373
Mean 1.084
RMS 0.355
size [# of strips]

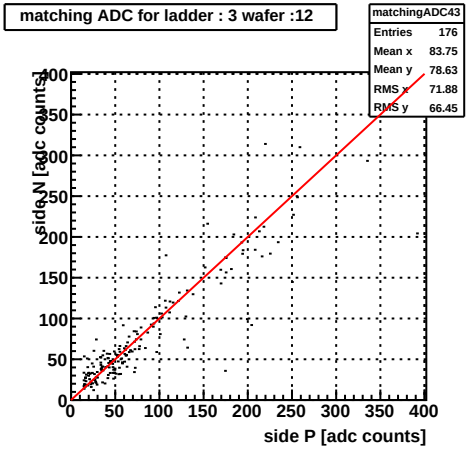

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 610
Mean x 69.46
Mean y 62.39
RMS x 60.19
RMS y 55.11
side N [adc counts]
side P [adc counts]

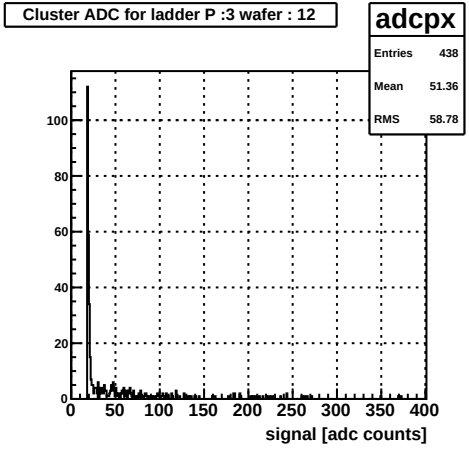

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1528
Mean 46.24
RMS 49.79
signal [adc counts]

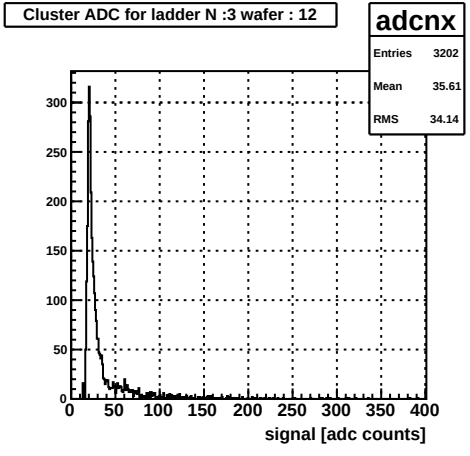

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4373
Mean 26.13
RMS 29.79
signal [adc counts]

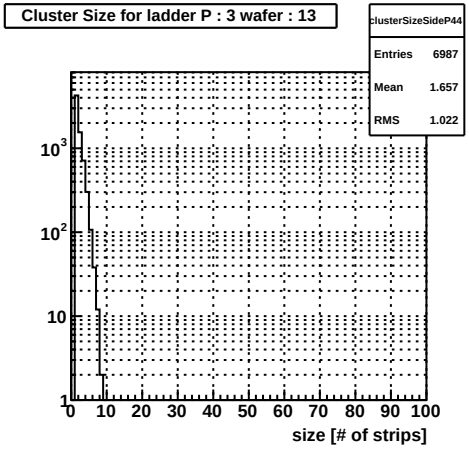

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 438
Mean 1.221
RMS 0.5764
size [# of strips]

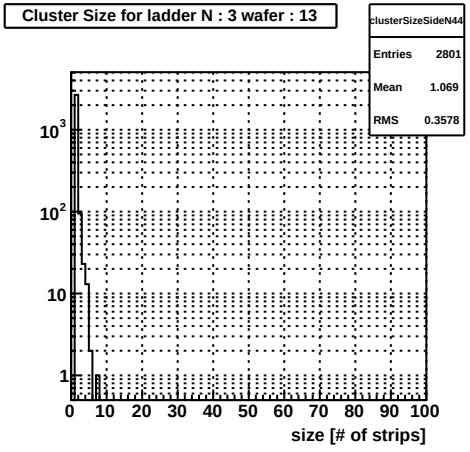

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3202
Mean 1.186
RMS 0.5503
size [# of strips]

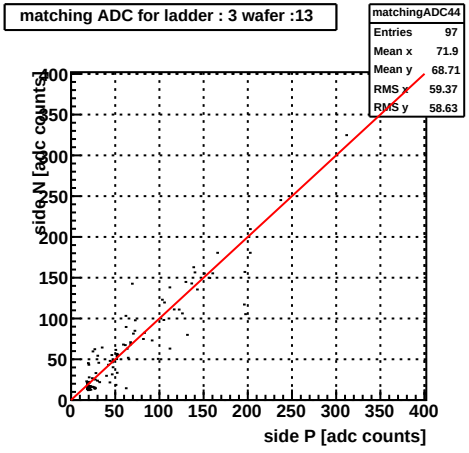

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 176
Mean x 83.75
Mean y 78.63
RMS x 71.88
RMS y 66.45
side N [adc counts]
side P [adc counts]

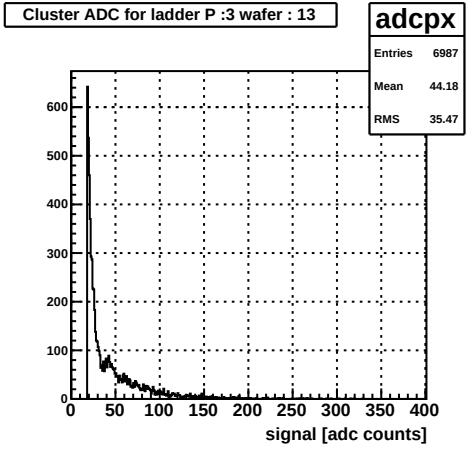

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 438
Mean 51.36
RMS 58.78
signal [adc counts]

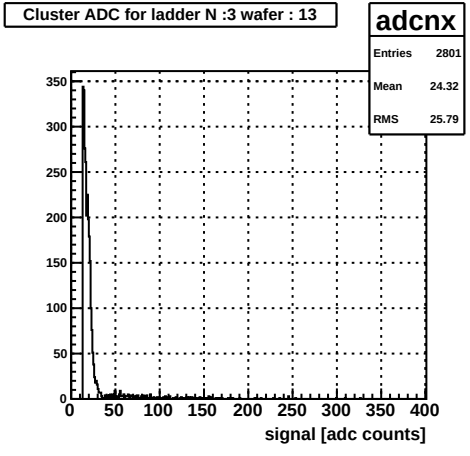

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3202
Mean 35.61
RMS 34.14
signal [adc counts]

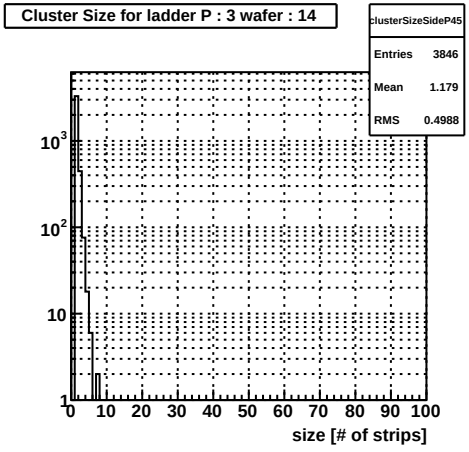

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 6987
Mean 1.657
RMS 1.022
size [# of strips]

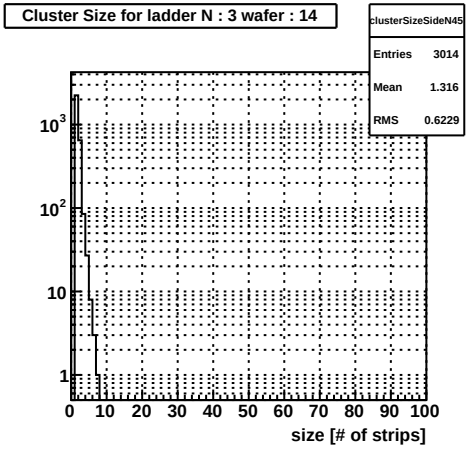

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2801
Mean 1.069
RMS 0.3578
size [# of strips]

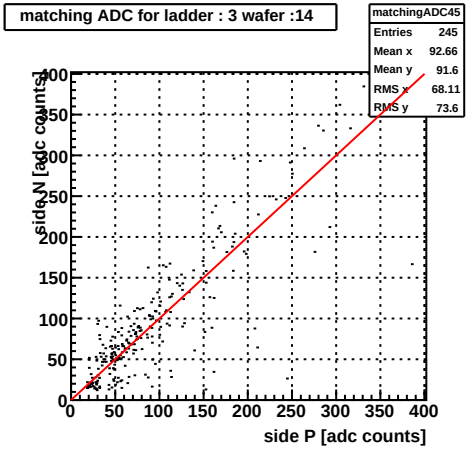

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 97
Mean x 71.9
Mean y 68.71
RMS x 59.37
RMS y 58.63
side N [adc counts]
side P [adc counts]

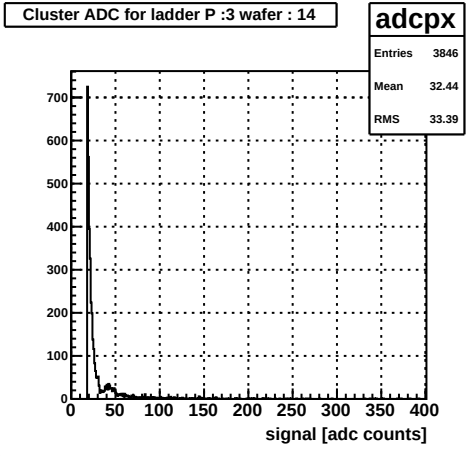

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 6987
Mean 44.18
RMS 35.47
signal [adc counts]

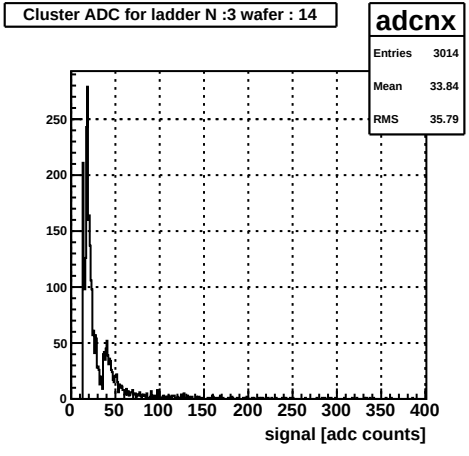

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2801
Mean 24.32
RMS 25.79
signal [adc counts]

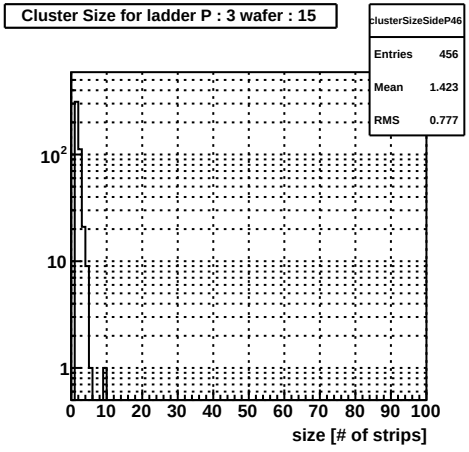

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3846
Mean 1.179
RMS 0.4988
size [# of strips]

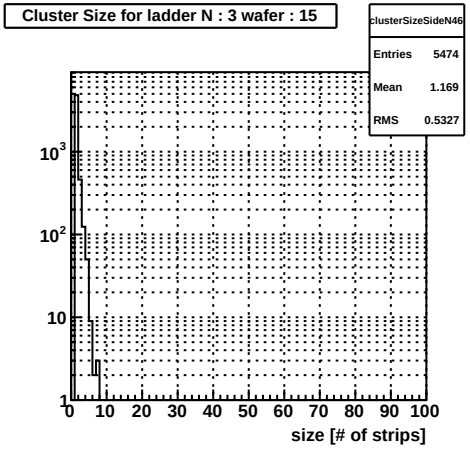

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3014
Mean 1.316
RMS 0.6229
size [# of strips]

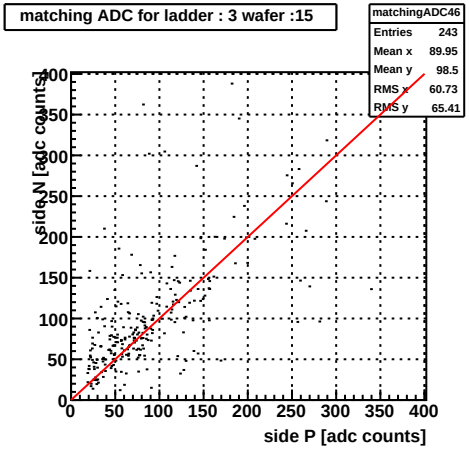

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 245
Mean x 92.66
Mean y 91.6
RMS x 68.11
RMS y 73.6
side N [adc counts]
side P [adc counts]

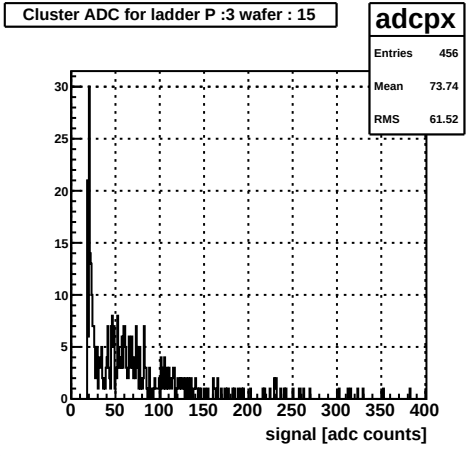

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3846
Mean 32.44
RMS 33.39
signal [adc counts]

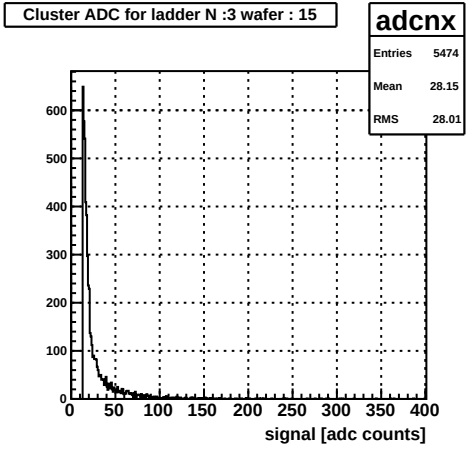

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3014
Mean 33.84
RMS 35.79
signal [adc counts]

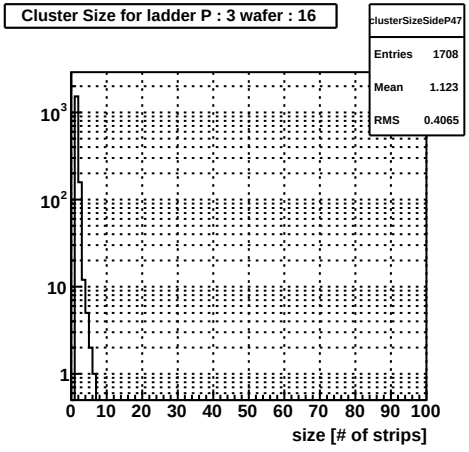

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 456
Mean 1.423
RMS 0.777
size [# of strips]

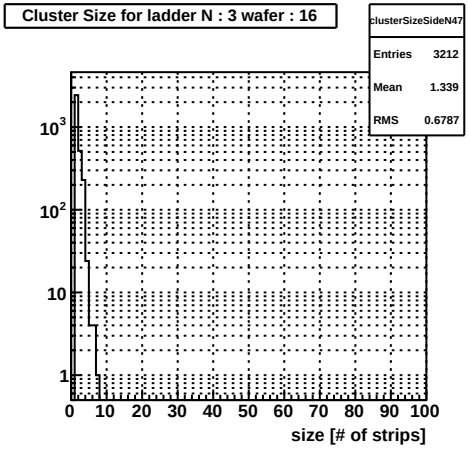

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5474
Mean 1.169
RMS 0.5327
size [# of strips]

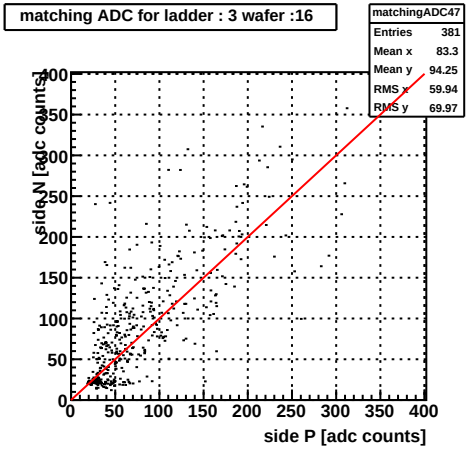

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 243
Mean x 89.95
Mean y 98.5
RMS x 60.73
RMS y 65.41
side N [adc counts]
side P [adc counts]

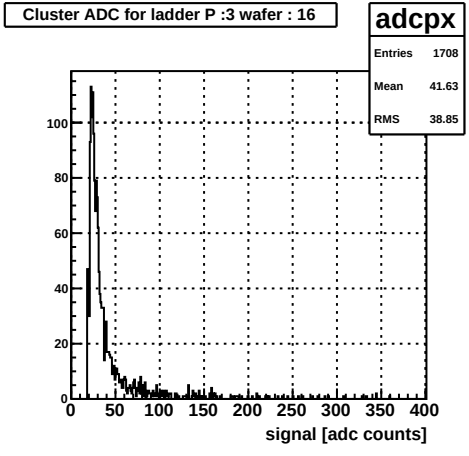

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 456
Mean 73.74
RMS 61.52
signal [adc counts]

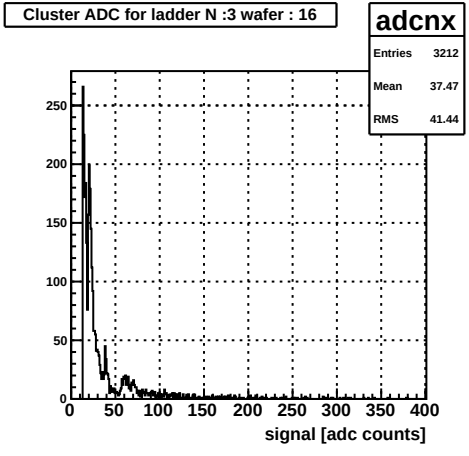

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5474
Mean 28.15
RMS 28.01
signal [adc counts]

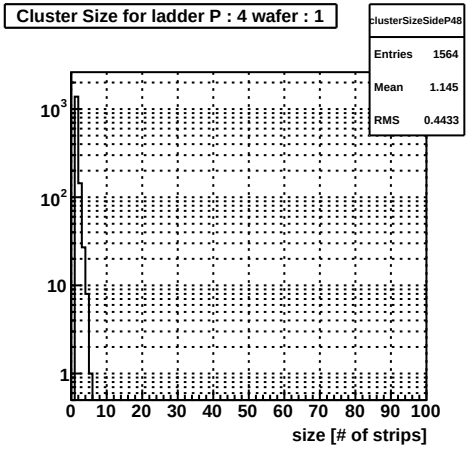

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1708
Mean 1.123
RMS 0.4065
size [# of strips]

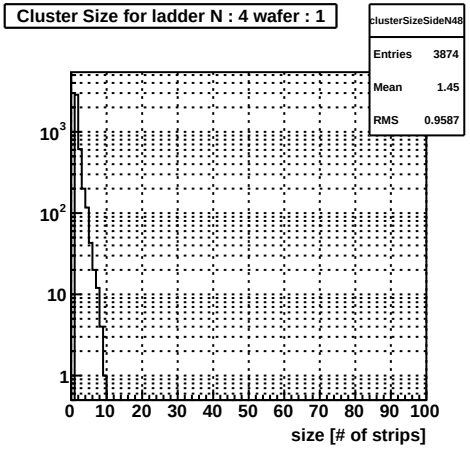

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3212
Mean 1.339
RMS 0.6787
size [# of strips]

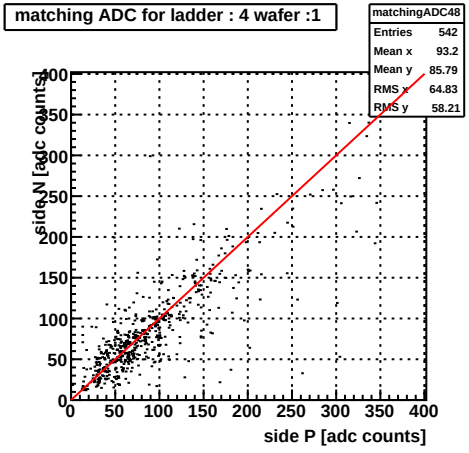

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 381
Mean x 83.3
Mean y 94.25
RMS x 59.94
RMS y 69.97
side N [adc counts]
side P [adc counts]

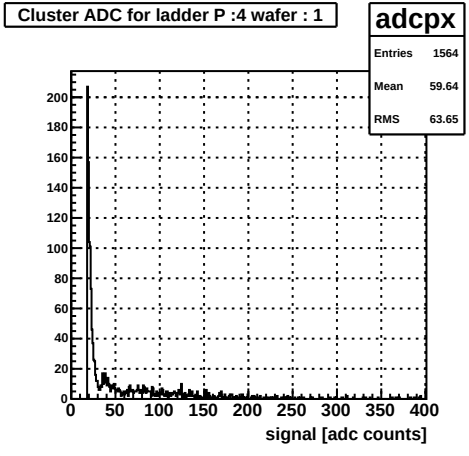

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1708
Mean 41.63
RMS 38.85
signal [adc counts]

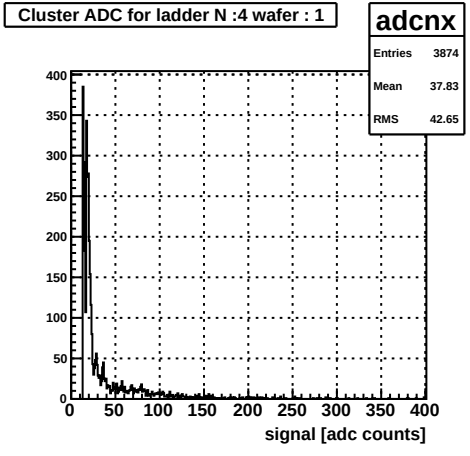

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3212
Mean 37.47
RMS 41.44
signal [adc counts]

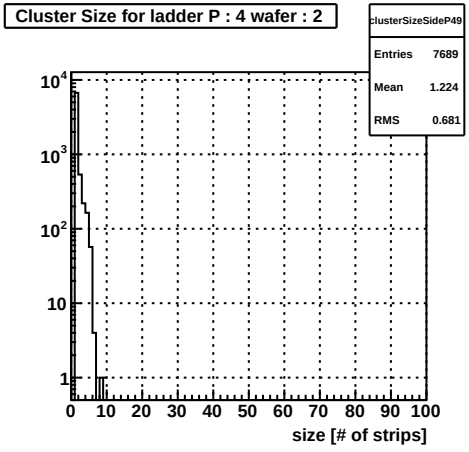

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1564
Mean 1.145
RMS 0.4433
size [# of strips]

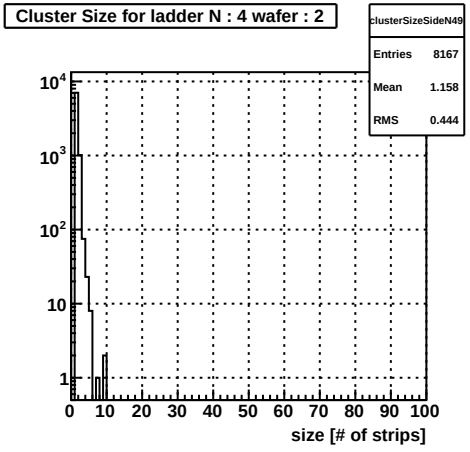

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3874
Mean 1.45
RMS 0.9587
size [# of strips]

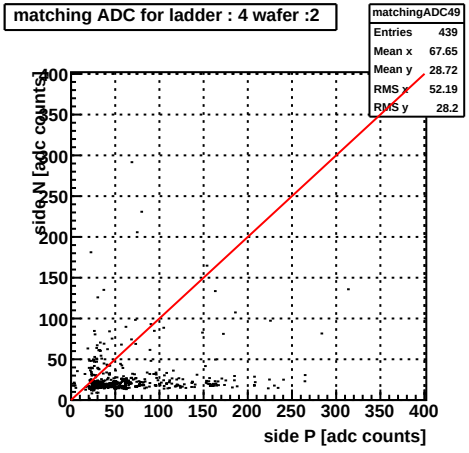

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 542
Mean x 93.2
Mean y 85.79
RMS x 64.83
RMS y 58.21
side N [adc counts]
side P [adc counts]

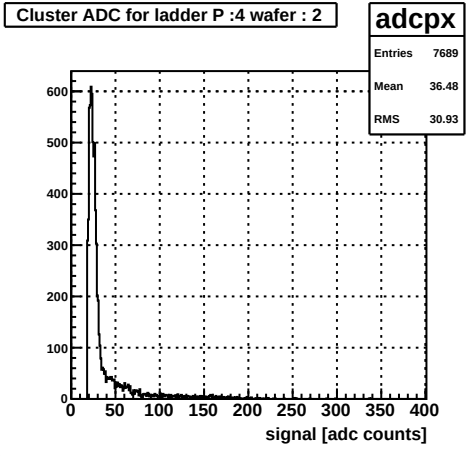

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1564
Mean 59.64
RMS 63.65
signal [adc counts]

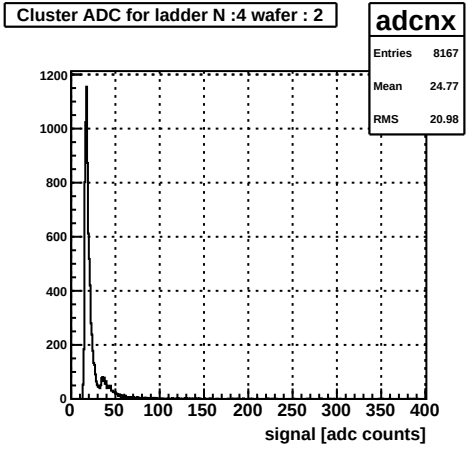

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3874
Mean 37.83
RMS 42.65
signal [adc counts]

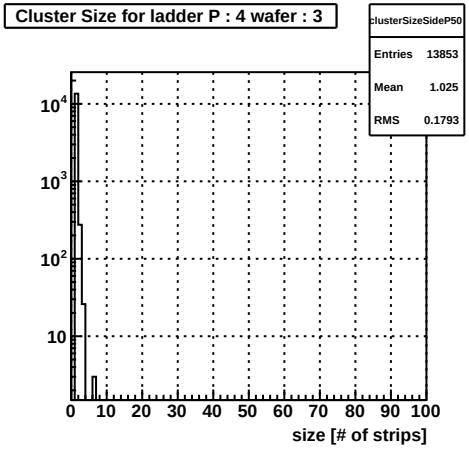

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7689
Mean 1.224
RMS 0.681
size [# of strips]

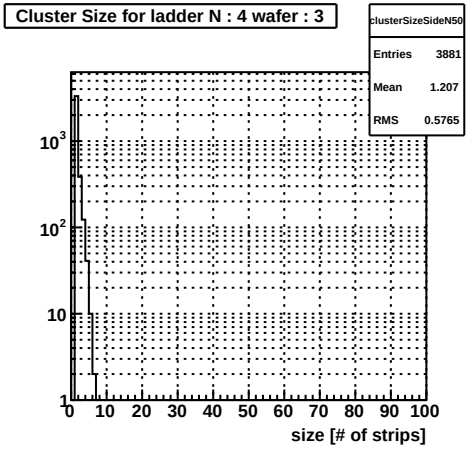

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 8167
Mean 1.158
RMS 0.444
size [# of strips]

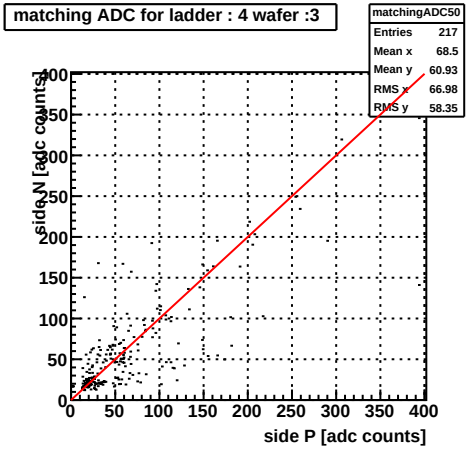

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 439
Mean x 67.65
Mean y 28.72
RMS x 52.19
RMS y 28.2
side N [adc counts]
side P [adc counts]

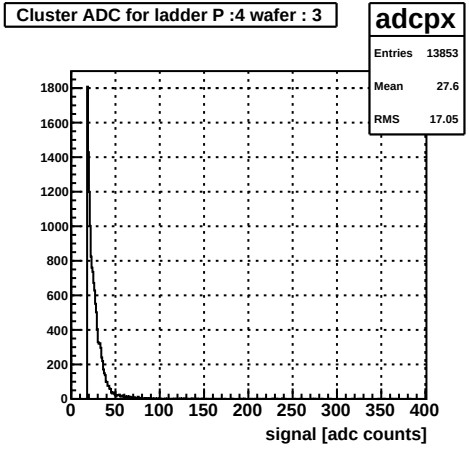

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7689
Mean 36.48
RMS 30.93
signal [adc counts]

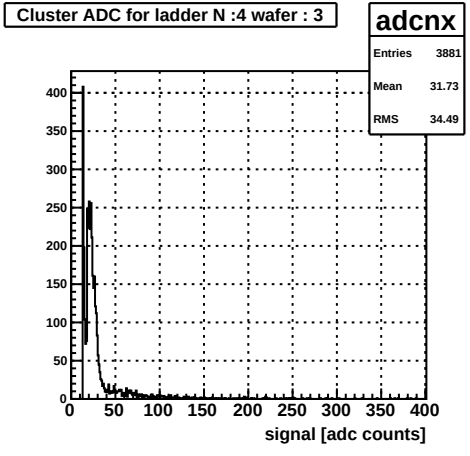

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 8167
Mean 24.77
RMS 20.98
signal [adc counts]

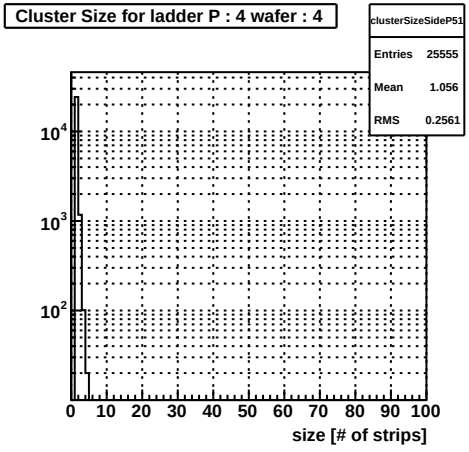

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13853
Mean 1.025
RMS 0.1793
size [# of strips]

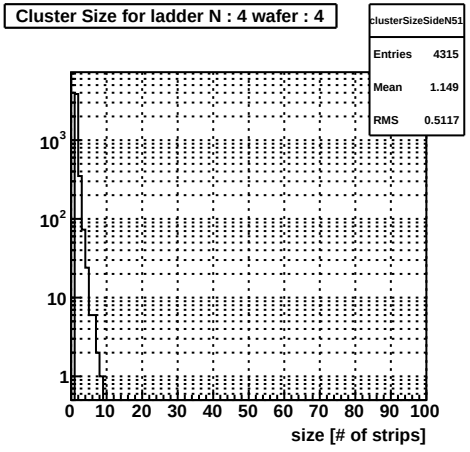

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3881
Mean 1.207
RMS 0.5765
size [# of strips]

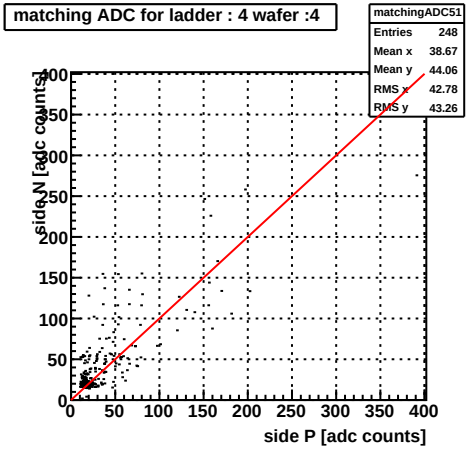

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 217
Mean x 68.5
Mean y 60.93
RMS x 66.98
RMS y 58.35
side N [adc counts]
side P [adc counts]

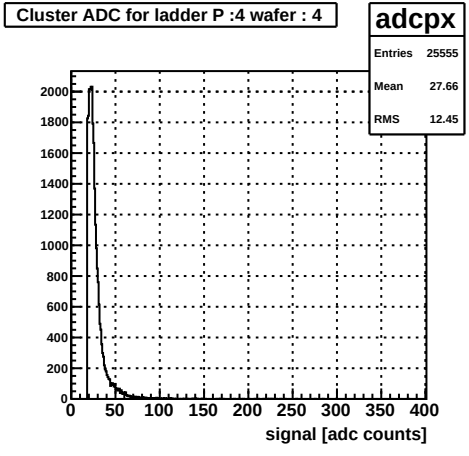

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13853
Mean 27.6
RMS 17.05
signal [adc counts]

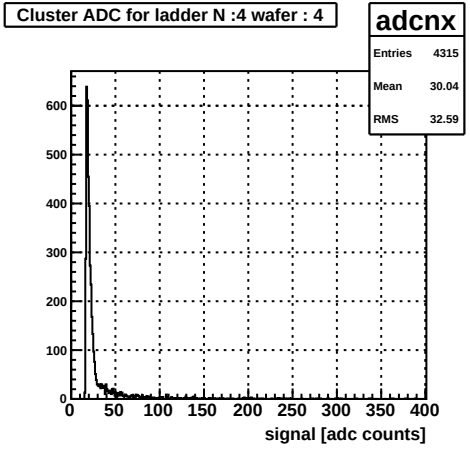

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3881
Mean 31.73
RMS 34.49
signal [adc counts]

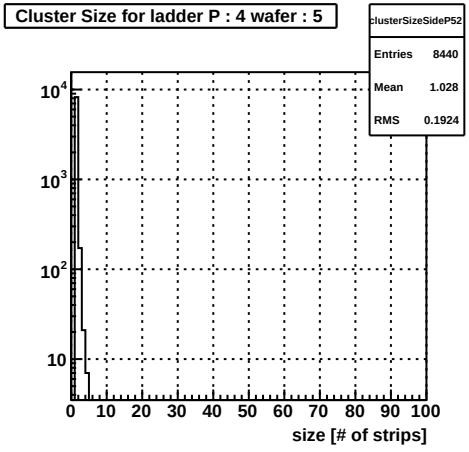

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 25555
Mean 1.056
RMS 0.2561
size [# of strips]

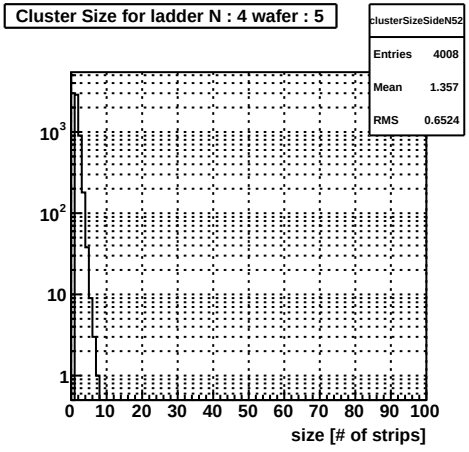

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4315
Mean 1.149
RMS 0.5117
size [# of strips]

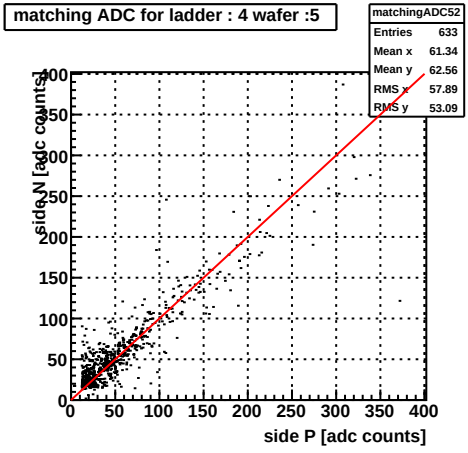

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 248
Mean x 38.67
Mean y 44.06
RMS x 42.78
RMS y 43.26
side N [adc counts]
side P [adc counts]

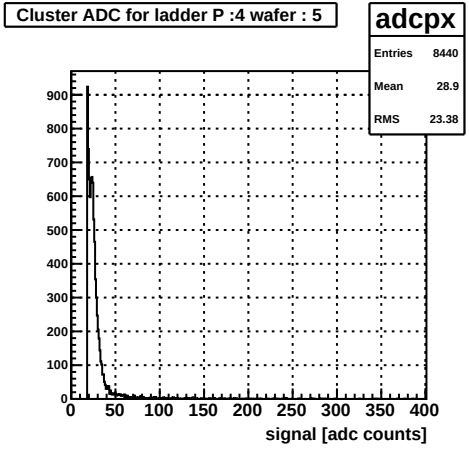

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 25555
Mean 27.66
RMS 12.45
signal [adc counts]

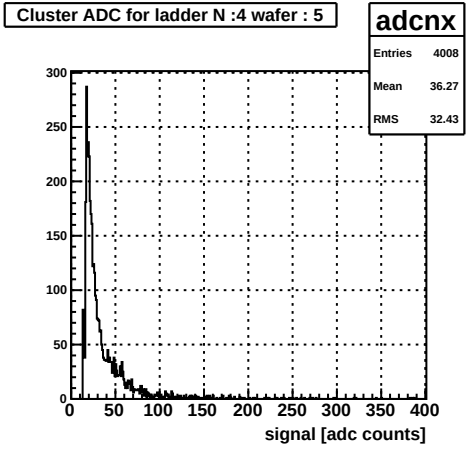

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4315
Mean 30.04
RMS 32.59
signal [adc counts]

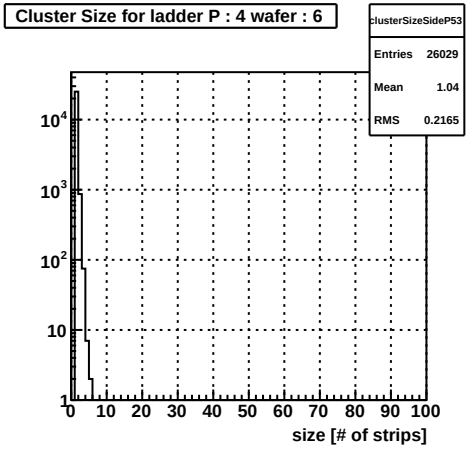

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 8440
Mean 1.028
RMS 0.1924
size [# of strips]

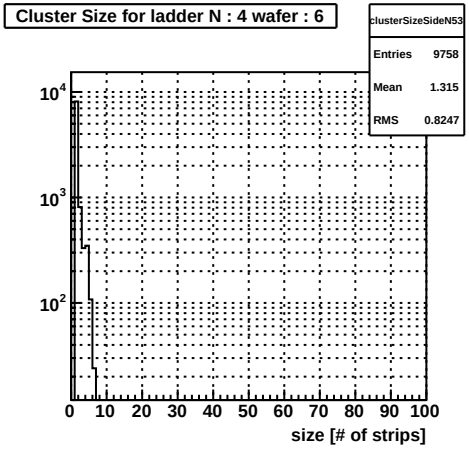

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4008
Mean 1.357
RMS 0.6524
size [# of strips]

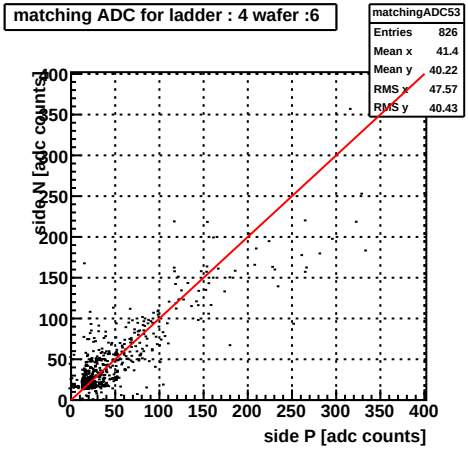

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 633
Mean x 61.34
Mean y 62.56
RMS x 57.89
RMS y 53.09
side N [adc counts]
side P [adc counts]

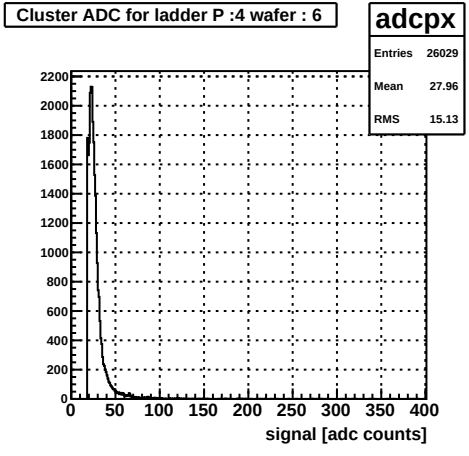

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 8440
Mean 28.9
RMS 23.38
signal [adc counts]

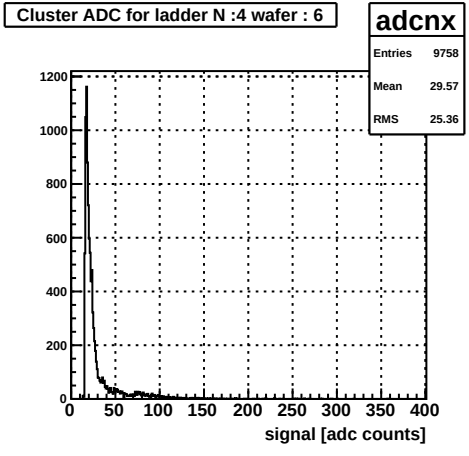

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4008
Mean 36.27
RMS 32.43
signal [adc counts]

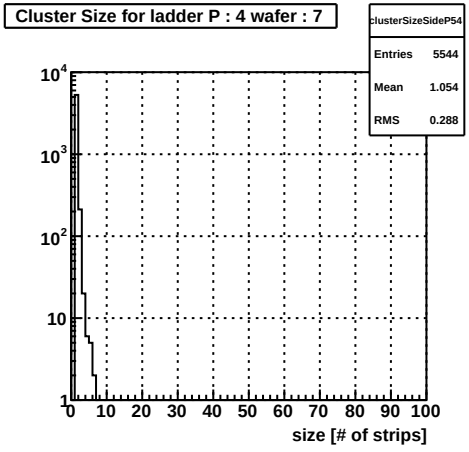

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 26029
Mean 1.04
RMS 0.2165
size [# of strips]

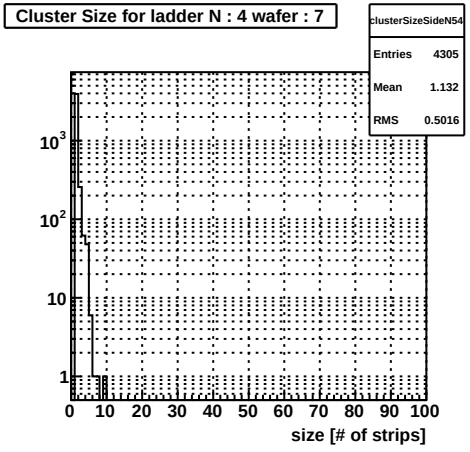

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9758
Mean 1.315
RMS 0.8247
size [# of strips]

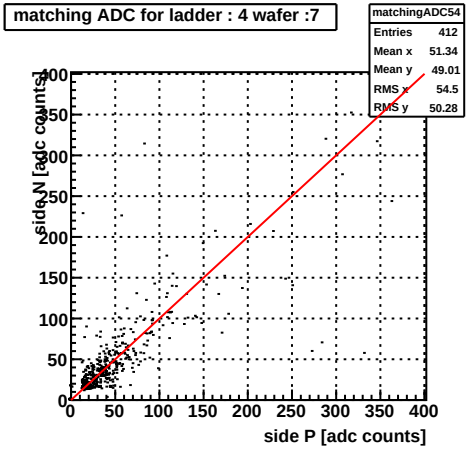

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 826
Mean x 41.4
Mean y 40.22
RMS x 47.57
RMS y 40.43
side N [adc counts]
side P [adc counts]

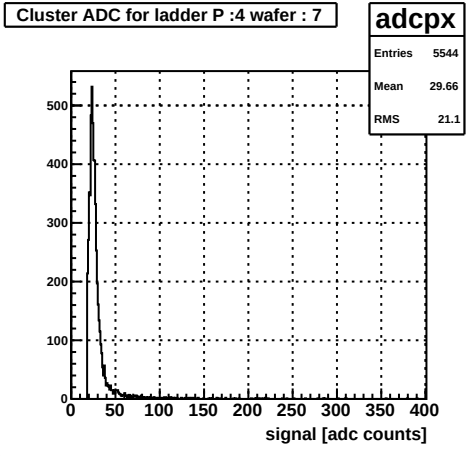

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 26029
Mean 27.96
RMS 15.13
signal [adc counts]

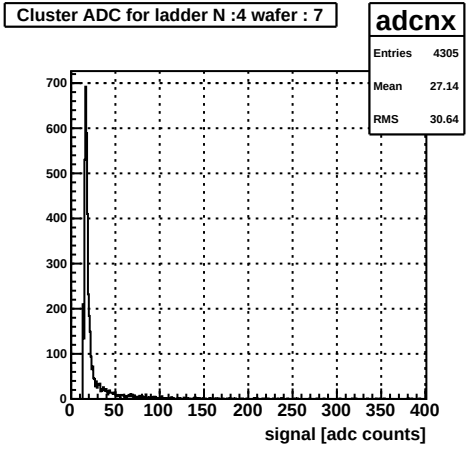

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9758
Mean 29.57
RMS 25.36
signal [adc counts]

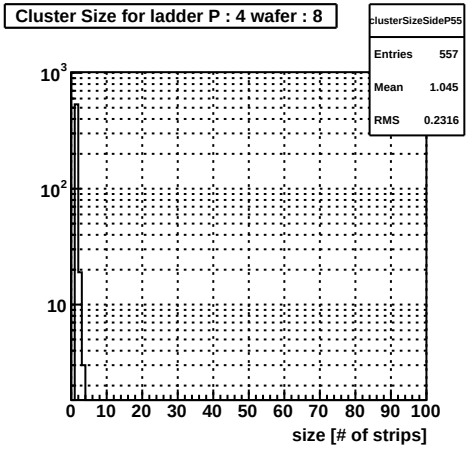

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5544
Mean 1.054
RMS 0.288
size [# of strips]

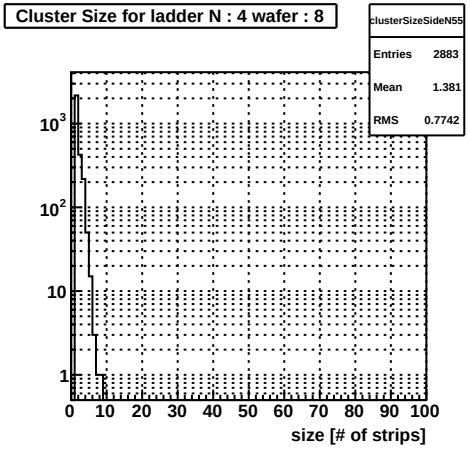

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4305
Mean 1.132
RMS 0.5016
size [# of strips]

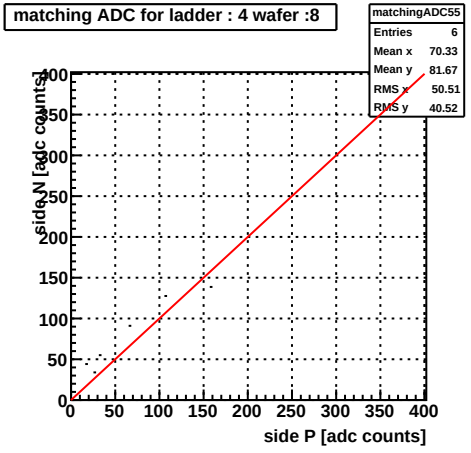

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 412
Mean x 51.34
Mean y 49.01
RMS x 54.5
RMS y 50.28
side N [adc counts]
side P [adc counts]

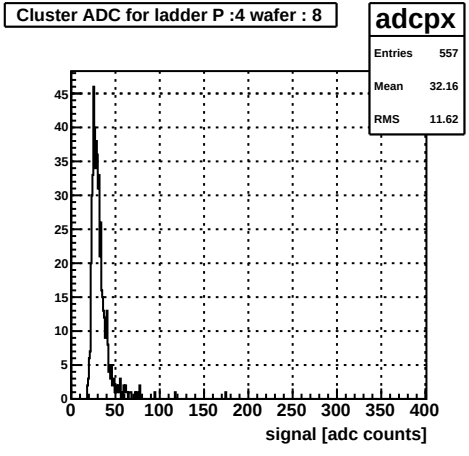

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5544
Mean 29.66
RMS 21.1
signal [adc counts]

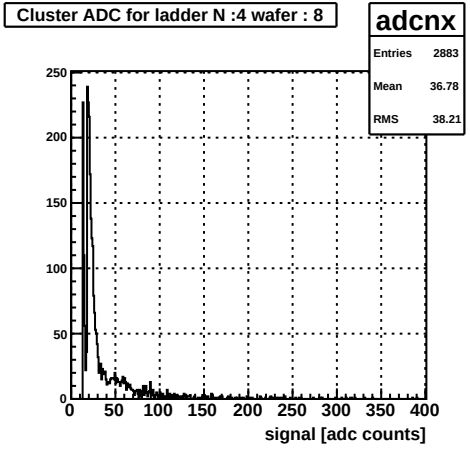

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4305
Mean 27.14
RMS 30.64
signal [adc counts]

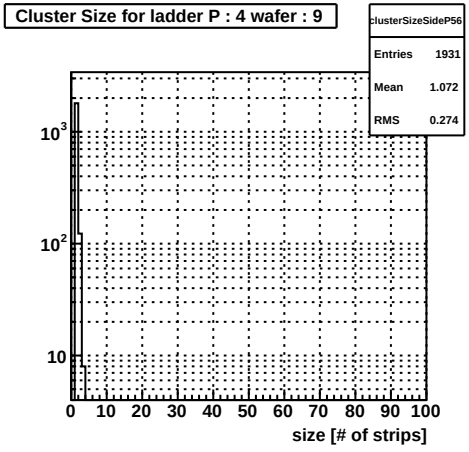

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 557
Mean 1.045
RMS 0.2316
size [# of strips]

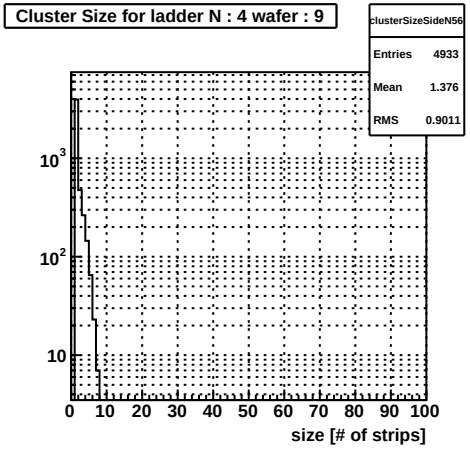

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2883
Mean 1.381
RMS 0.7742
size [# of strips]

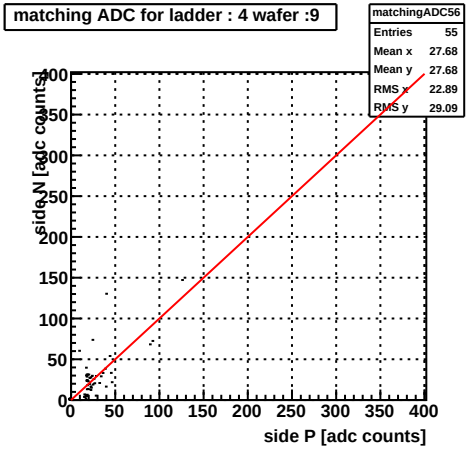

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 6
Mean x 70.33
Mean y 81.67
RMS x 50.51
RMS y 40.52
side N [adc counts]
side P [adc counts]

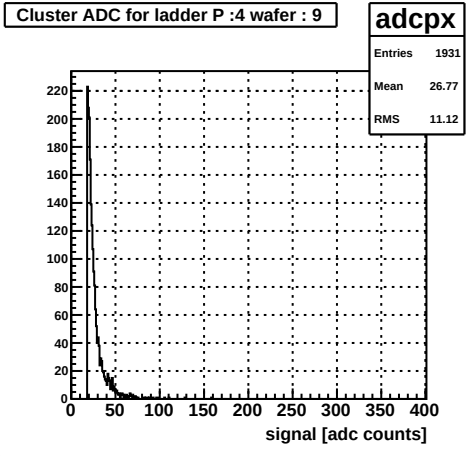

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 557
Mean 32.16
RMS 11.62
signal [adc counts]

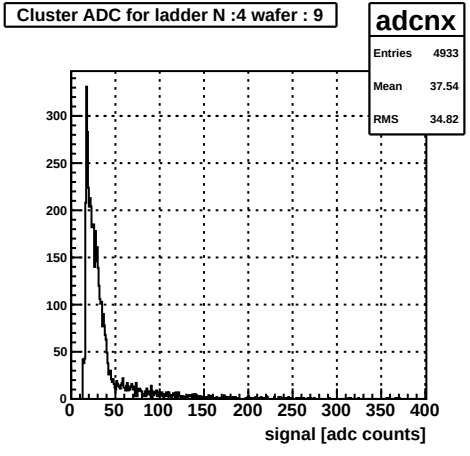

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2883
Mean 36.78
RMS 38.21
signal [adc counts]

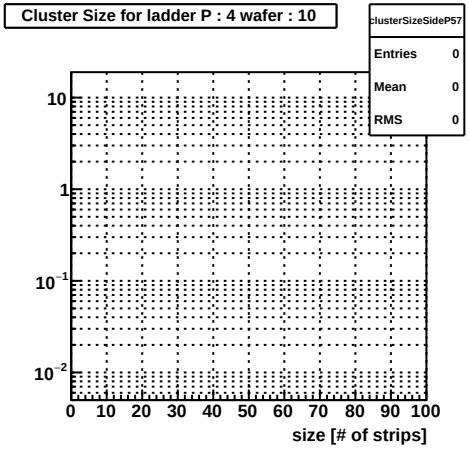

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1931
Mean 1.072
RMS 0.274
size [# of strips]

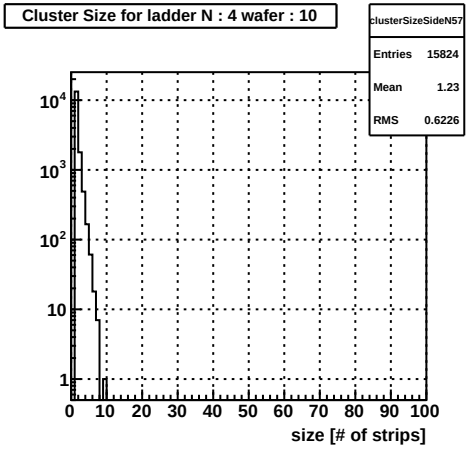

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4933
Mean 1.376
RMS 0.9011
size [# of strips]

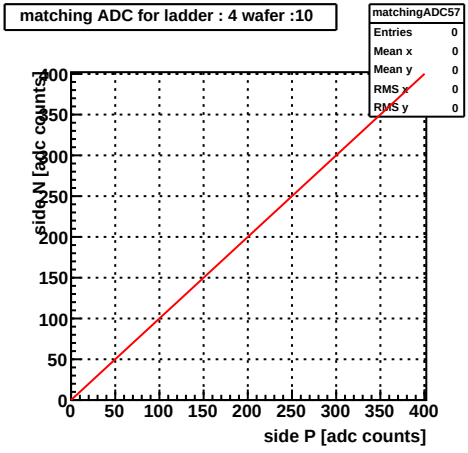

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 55
Mean x 27.68
Mean y 27.68
RMS x 22.89
RMS y 29.09
side N [adc counts]
side P [adc counts]

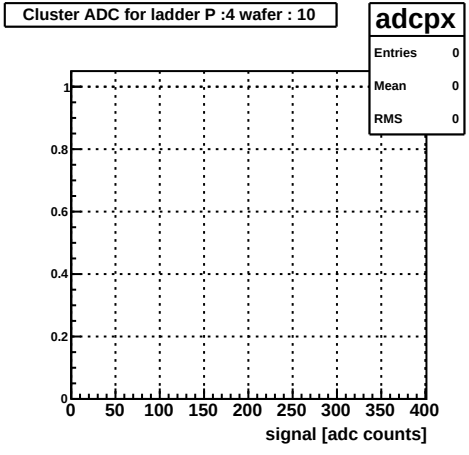

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1931
Mean 26.77
RMS 11.12
signal [adc counts]

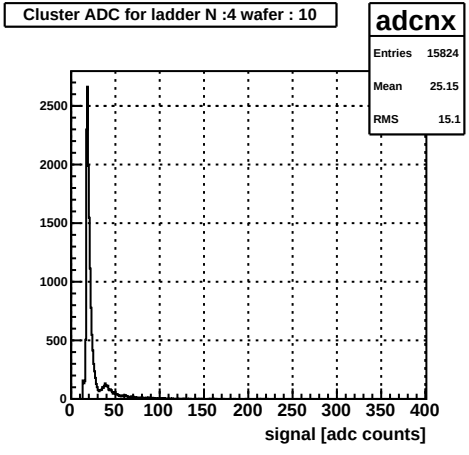

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4933
Mean 37.54
RMS 34.82
signal [adc counts]

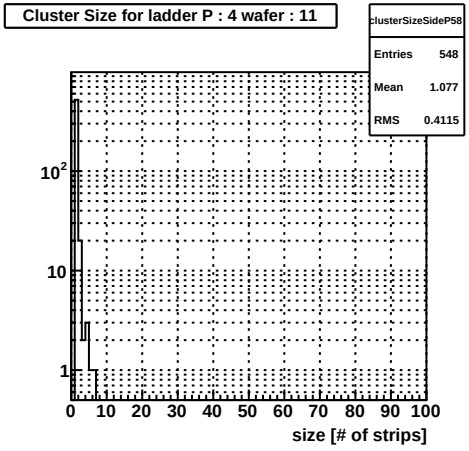

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

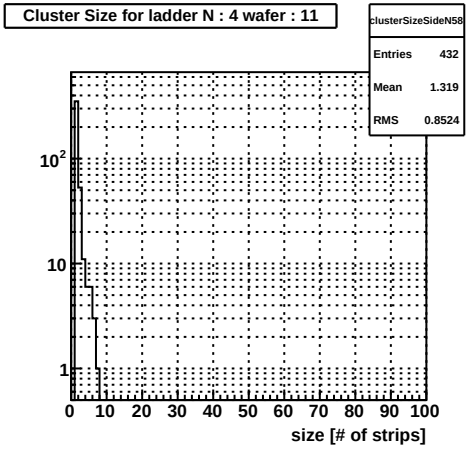

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15824
Mean 1.23
RMS 0.6226
size [# of strips]

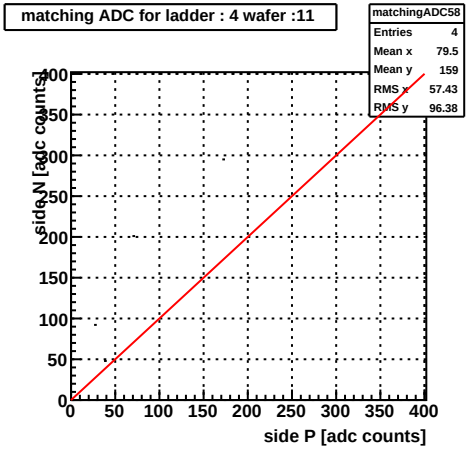

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

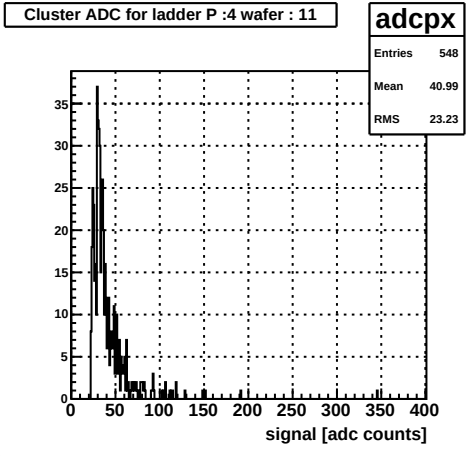

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

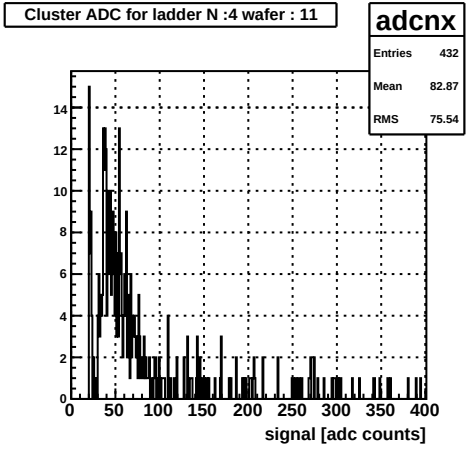

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15824
Mean 25.15
RMS 15.1
signal [adc counts]

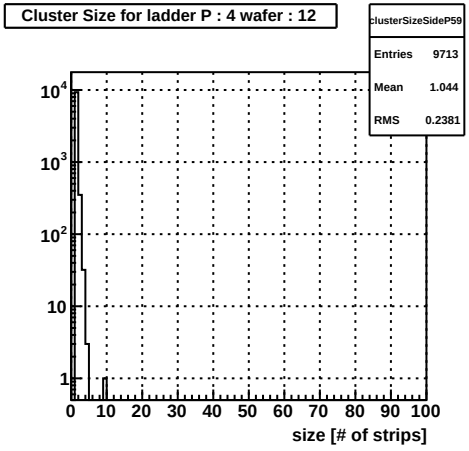

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 548
Mean 1.077
RMS 0.4115
size [# of strips]

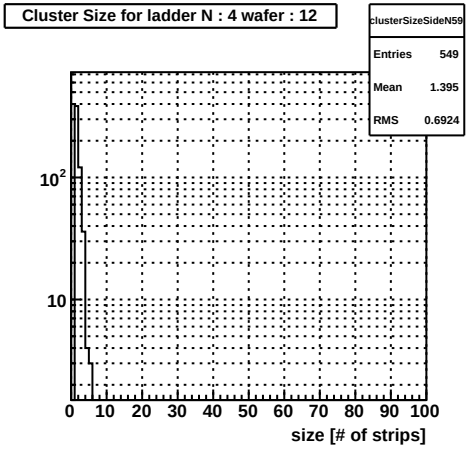

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 432
Mean 1.319
RMS 0.8524
size [# of strips]

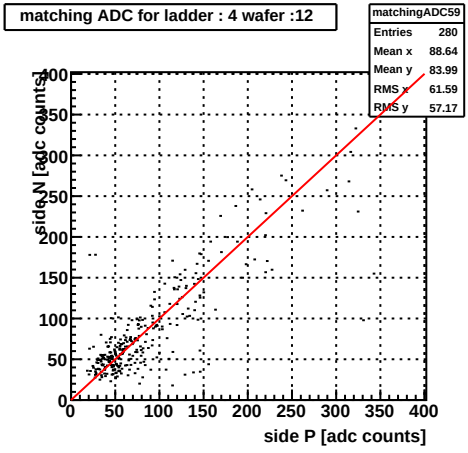

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 4
Mean x 79.5
Mean y 159
RMS x 57.43
RMS y 96.38
side N [adc counts]
side P [adc counts]

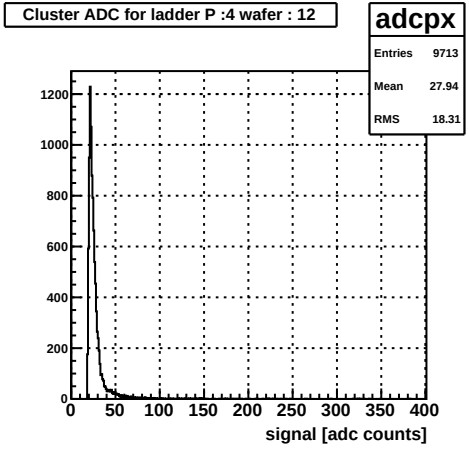

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 548
Mean 40.99
RMS 23.23
signal [adc counts]

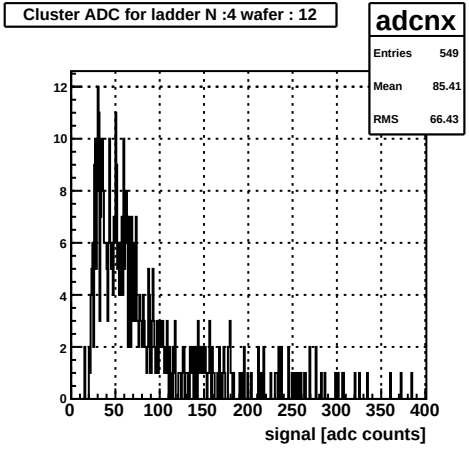

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 432
Mean 82.87
RMS 75.54
signal [adc counts]

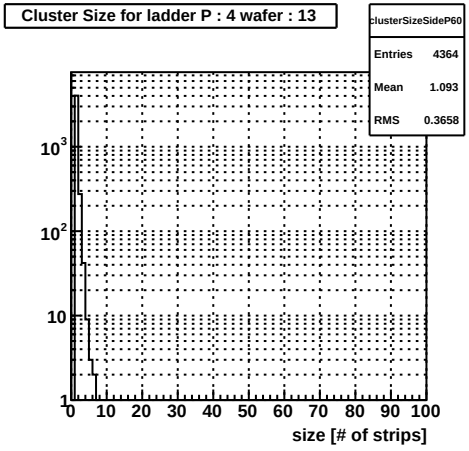

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 9713
Mean 1.044
RMS 0.2381
size [# of strips]

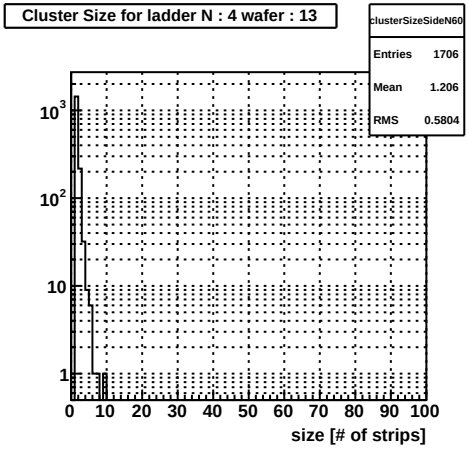

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 549
Mean 1.395
RMS 0.6924
size [# of strips]

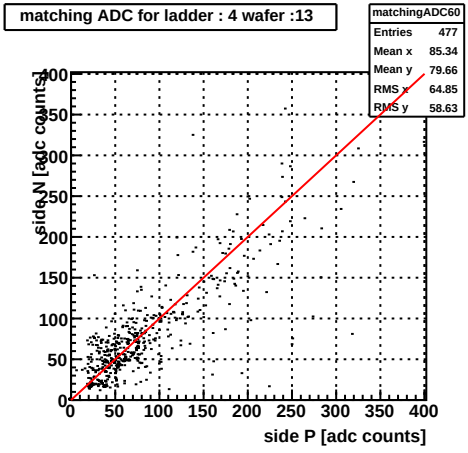

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 280
Mean x 88.64
Mean y 83.99
RMS x 61.59
RMS y 57.17
side N [adc counts]
side P [adc counts]

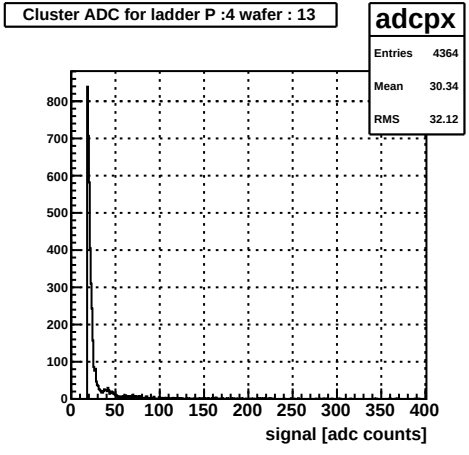

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 9713
Mean 27.94
RMS 18.31
signal [adc counts]

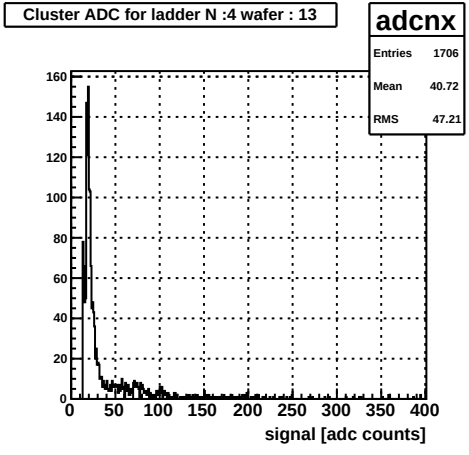

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 549
Mean 85.41
RMS 66.43
signal [adc counts]

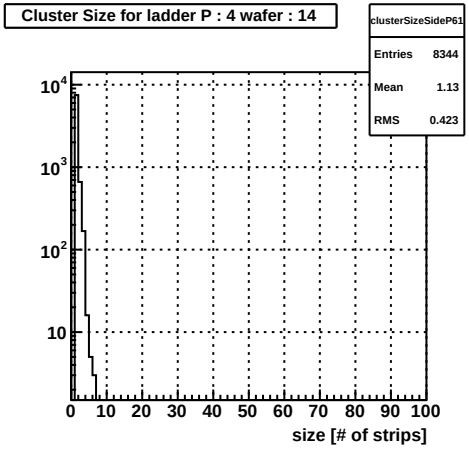

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4364
Mean 1.093
RMS 0.3658
size [# of strips]

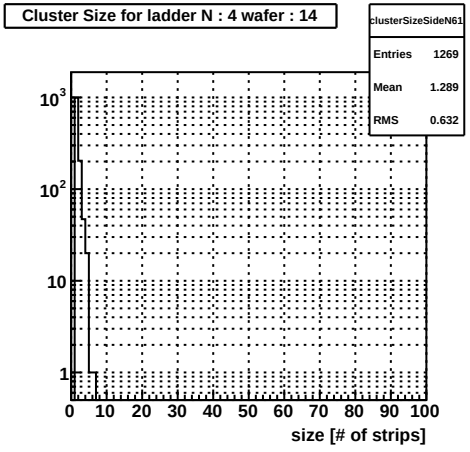

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1706
Mean 1.206
RMS 0.5804
size [# of strips]

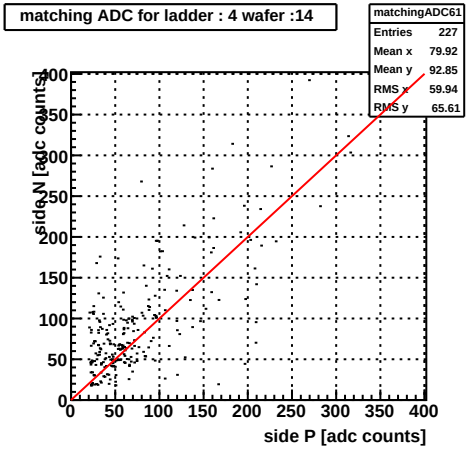

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 477
Mean x 85.34
Mean y 79.66
RMS x 64.85
RMS y 58.63
side N [adc counts]
side P [adc counts]

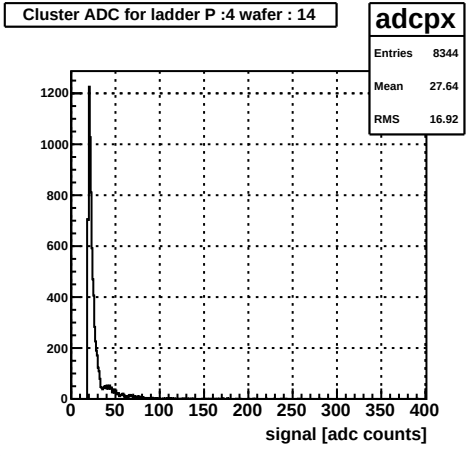

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4364
Mean 30.34
RMS 32.12
signal [adc counts]

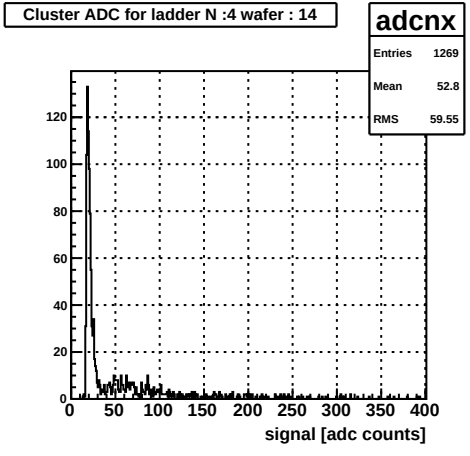

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1706
Mean 40.72
RMS 47.21
signal [adc counts]

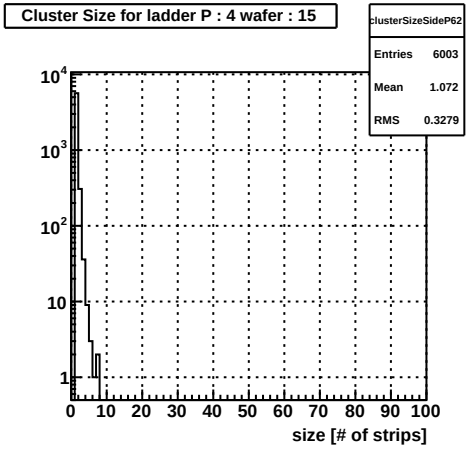

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 8344
Mean 1.13
RMS 0.423
size [# of strips]

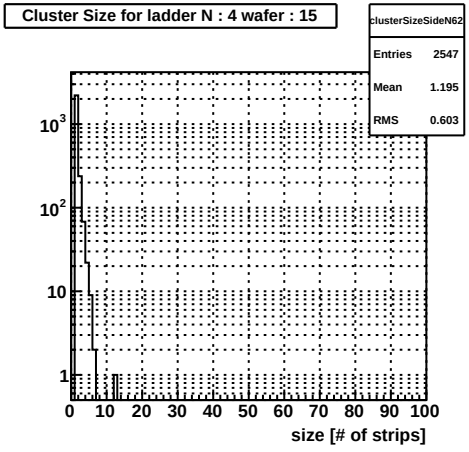

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1269
Mean 1.289
RMS 0.632
size [# of strips]

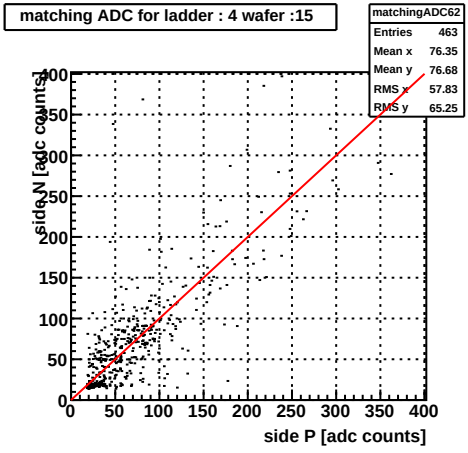

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 227
Mean x 79.92
Mean y 92.85
RMS x 59.94
RMS y 65.61
side N [adc counts]
side P [adc counts]

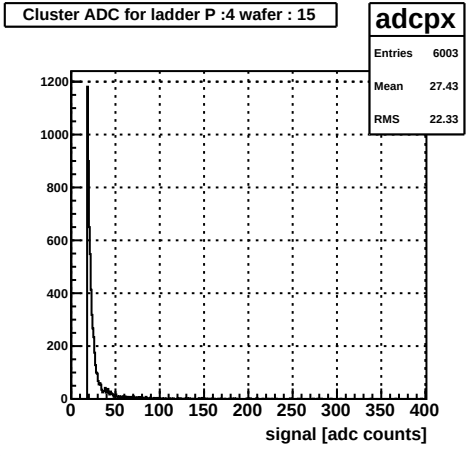

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 8344
Mean 27.64
RMS 16.92
signal [adc counts]

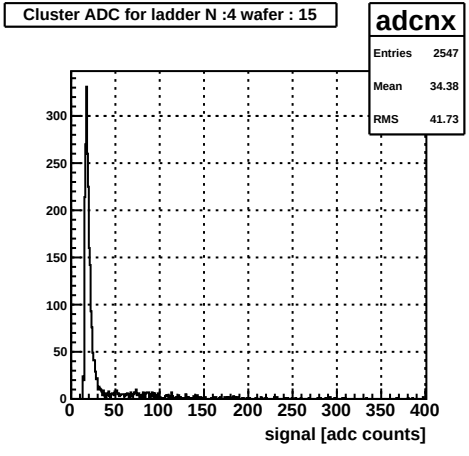

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1269
Mean 52.8
RMS 59.55
signal [adc counts]

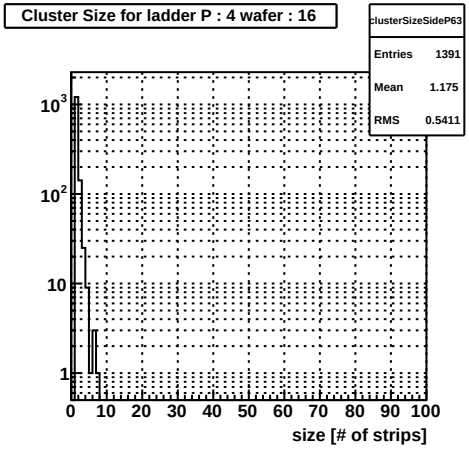

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6003
Mean 1.072
RMS 0.3279
size [# of strips]

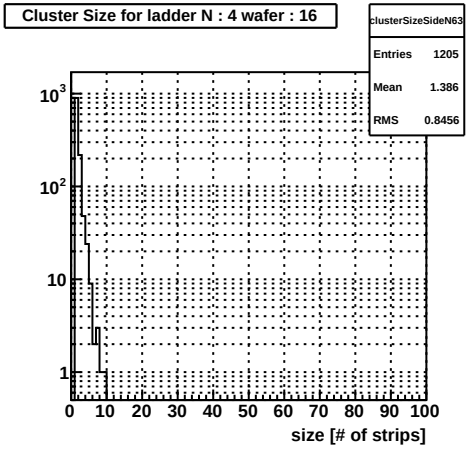

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2547
Mean 1.195
RMS 0.603
size [# of strips]

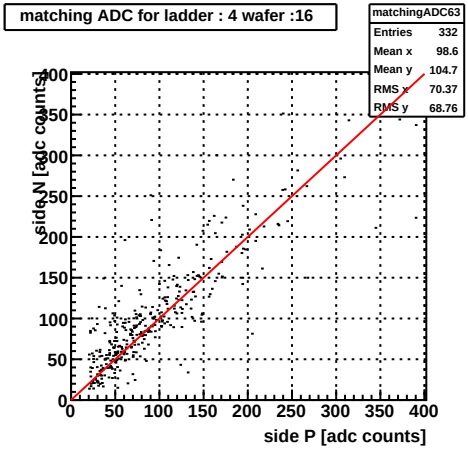

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 463
Mean x 76.35
Mean y 76.68
RMS x 57.83
RMS y 65.25
side N [adc counts]
side P [adc counts]

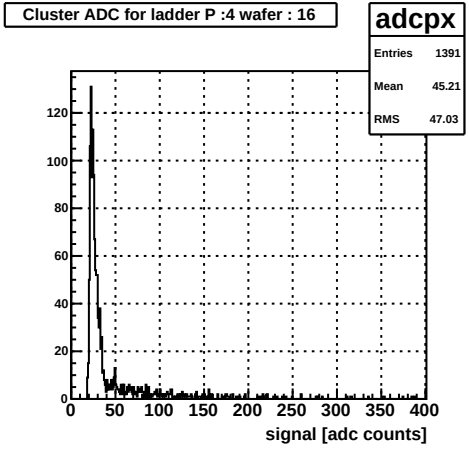

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6003
Mean 27.43
RMS 22.33
signal [adc counts]

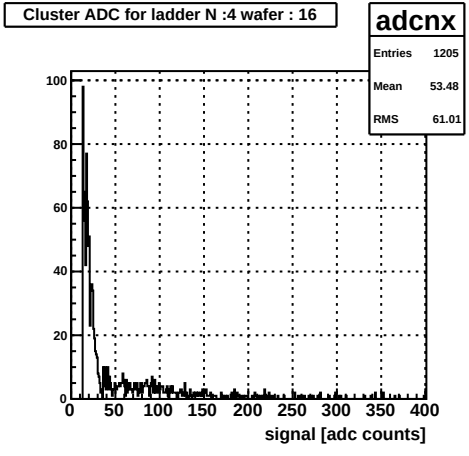

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2547
Mean 34.38
RMS 41.73
signal [adc counts]

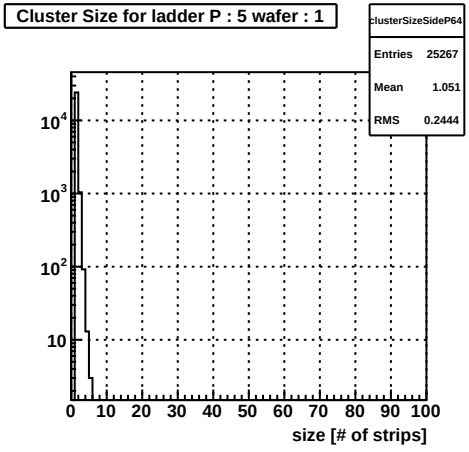

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1391
Mean 1.175
RMS 0.5411
size [# of strips]

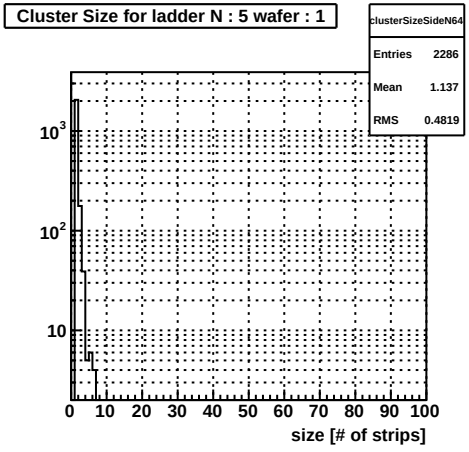

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1205
Mean 1.386
RMS 0.8456
size [# of strips]

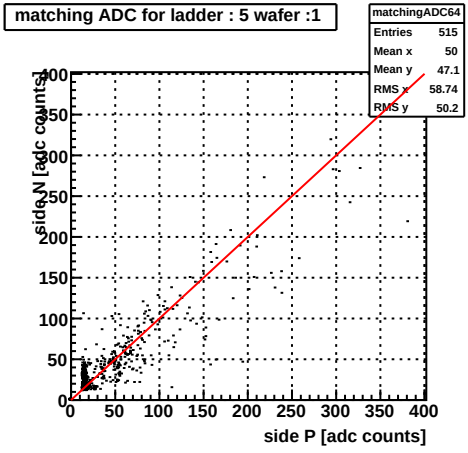

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 332
Mean x 98.6
Mean y 104.7
RMS x 70.37
RMS y 68.76
side N [adc counts]
side P [adc counts]

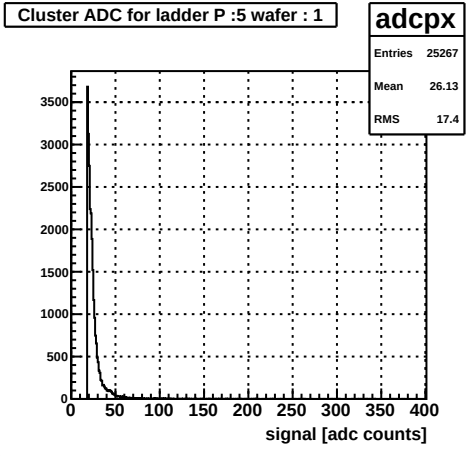

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1391
Mean 45.21
RMS 47.03
signal [adc counts]

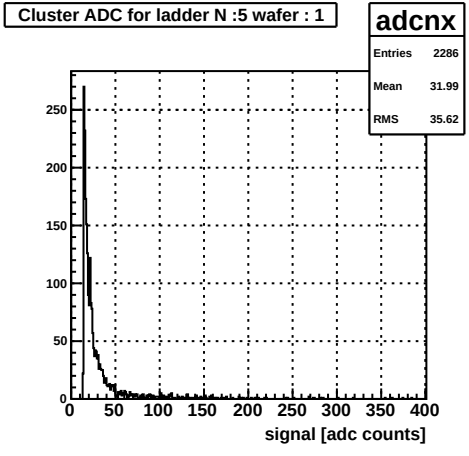

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1205
Mean 53.48
RMS 61.01
signal [adc counts]

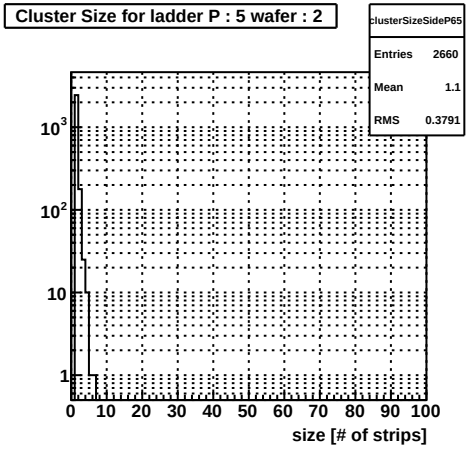

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 25267
Mean 1.051
RMS 0.2444
size [# of strips]

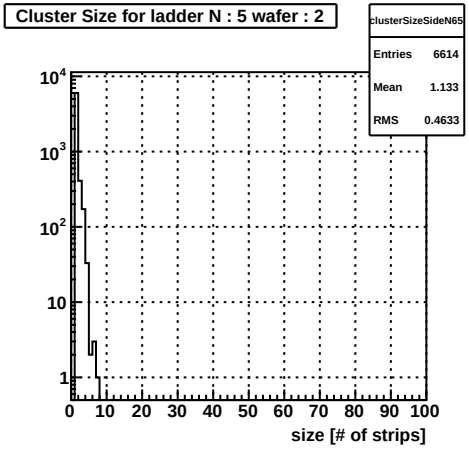

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2286
Mean 1.137
RMS 0.4819
size [# of strips]

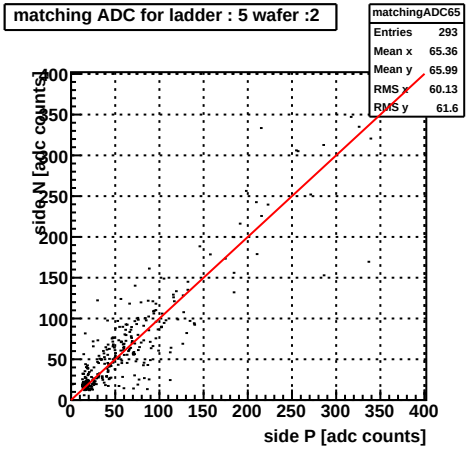

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 515
Mean x 50
Mean y 47.1
RMS x 58.74
RMS y 50.2
side N [adc counts]
side P [adc counts]

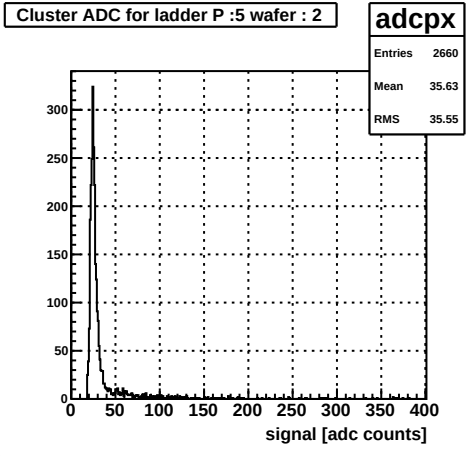

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 25267
Mean 26.13
RMS 17.4
signal [adc counts]

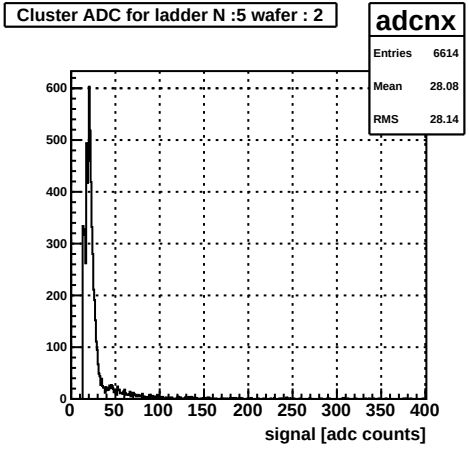

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2286
Mean 31.99
RMS 35.62
signal [adc counts]

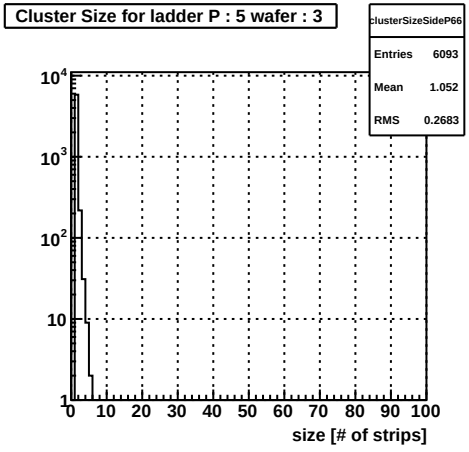

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2660
Mean 1.1
RMS 0.3791
size [# of strips]

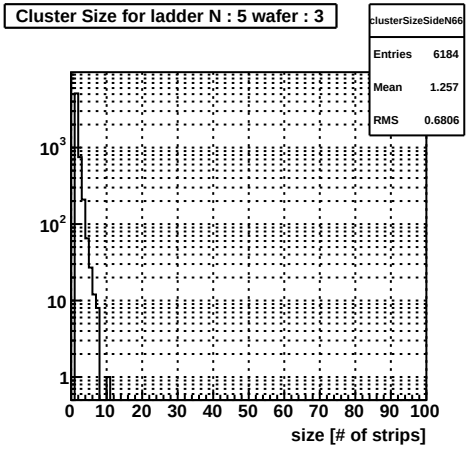

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 6614
Mean 1.133
RMS 0.4633
size [# of strips]

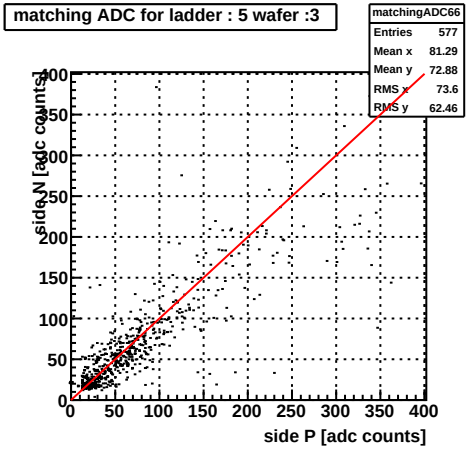

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 293
Mean x 65.36
Mean y 65.99
RMS x 60.13
RMS y 61.6
side N [adc counts]
side P [adc counts]

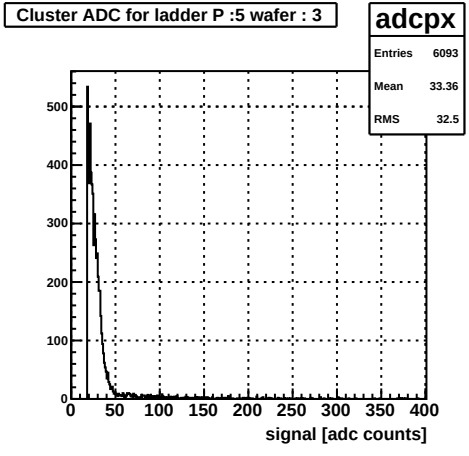

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2660
Mean 35.63
RMS 35.55
signal [adc counts]

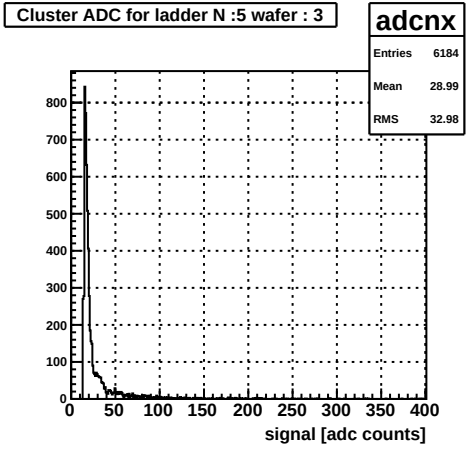

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 6614
Mean 28.08
RMS 28.14
signal [adc counts]

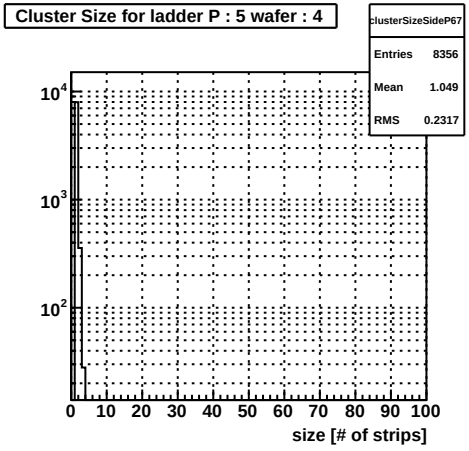

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6093
Mean 1.052
RMS 0.2683
size [# of strips]

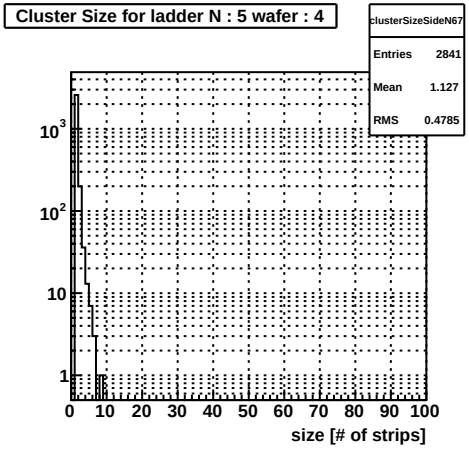

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6184
Mean 1.257
RMS 0.6806
size [# of strips]

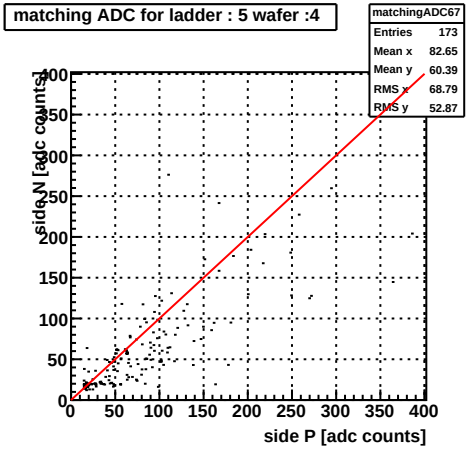

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 577
Mean x 81.29
Mean y 72.88
RMS x 73.6
RMS y 62.46
side N [adc counts]
side P [adc counts]

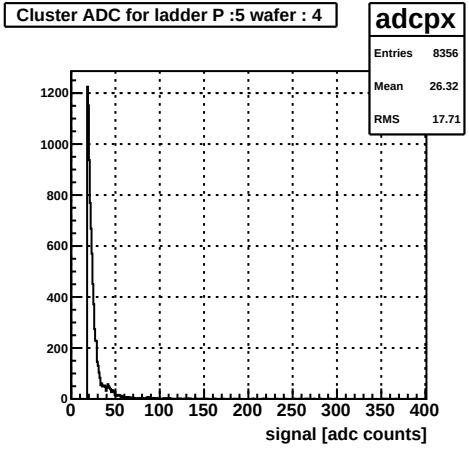

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6093
Mean 33.36
RMS 32.5
signal [adc counts]

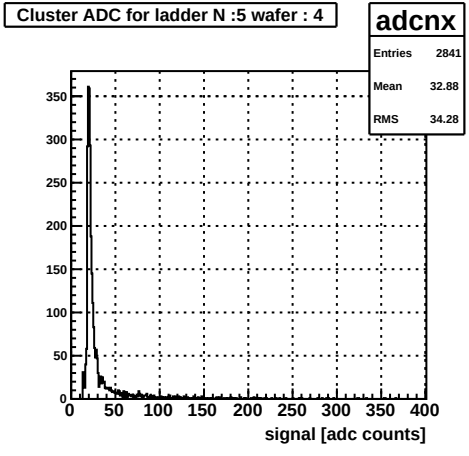

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6184
Mean 28.99
RMS 32.98
signal [adc counts]

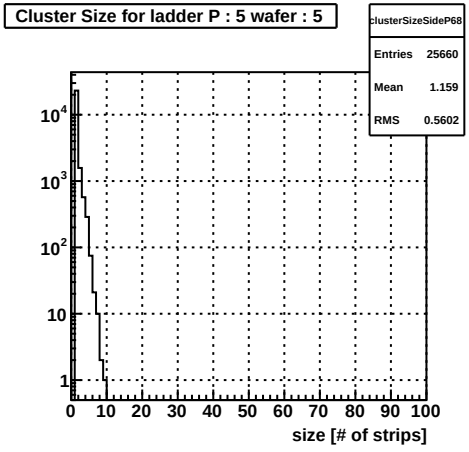

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8356
Mean 1.049
RMS 0.2317
size [# of strips]

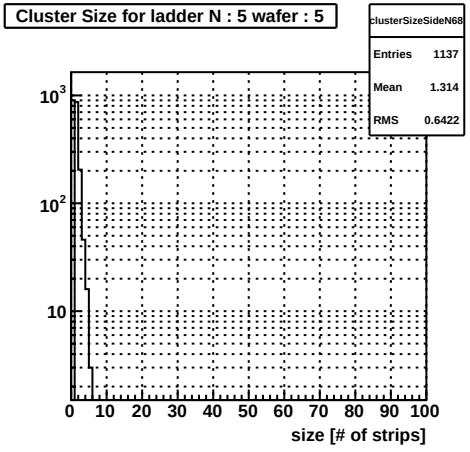

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2841
Mean 1.127
RMS 0.4785
size [# of strips]

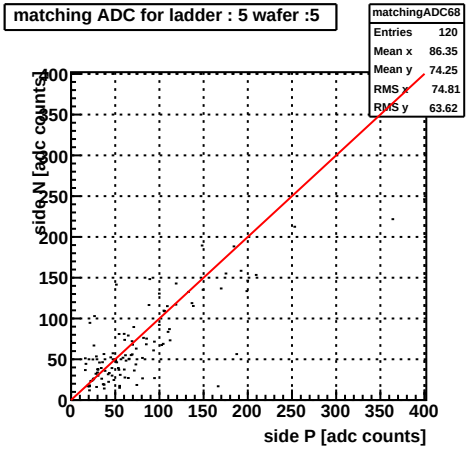

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 173
Mean x 82.65
Mean y 60.39
RMS x 68.79
RMS y 52.87
side N [adc counts]
side P [adc counts]

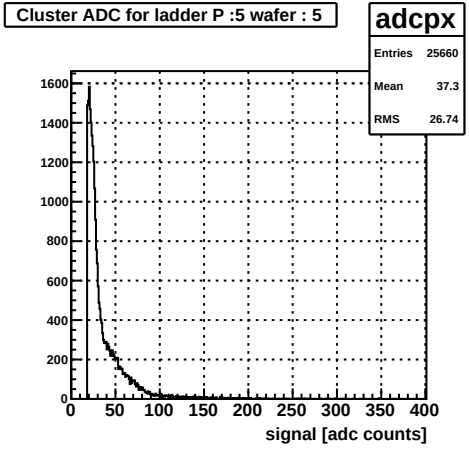

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8356
Mean 26.32
RMS 17.71
signal [adc counts]

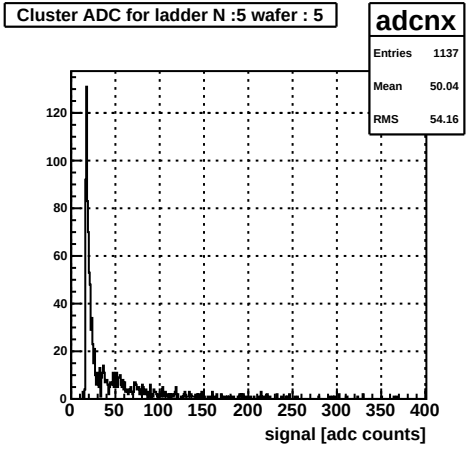

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2841
Mean 32.88
RMS 34.28
signal [adc counts]

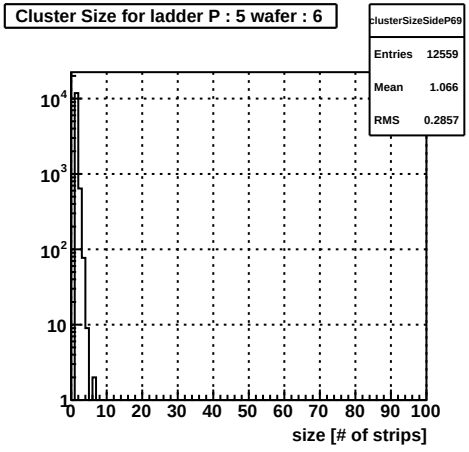

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 25660
Mean 1.159
RMS 0.5602
size [# of strips]

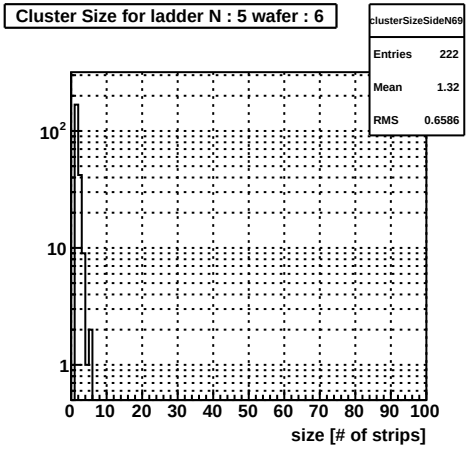

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1137
Mean 1.314
RMS 0.6422
size [# of strips]

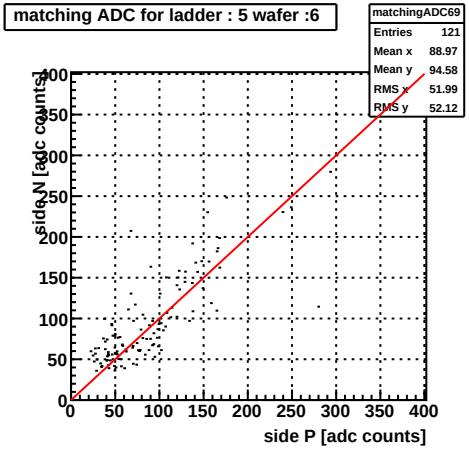

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 120
Mean x 86.35
Mean y 74.25
RMS x 74.81
RMS y 63.62
side N [adc counts]
side P [adc counts]

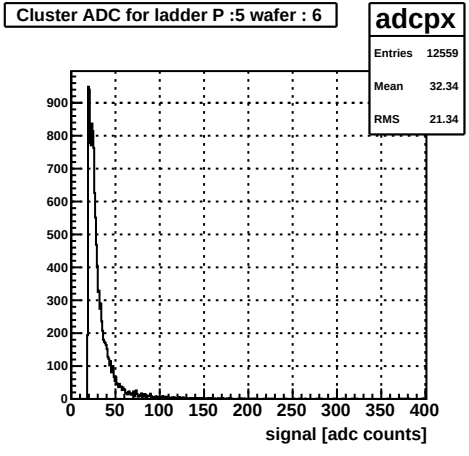

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 25660
Mean 37.3
RMS 26.74
signal [adc counts]

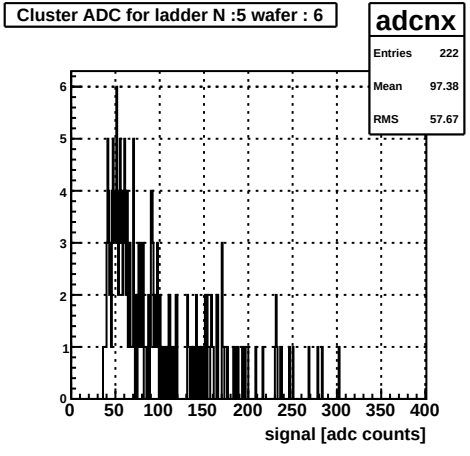

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1137
Mean 50.04
RMS 54.16
signal [adc counts]

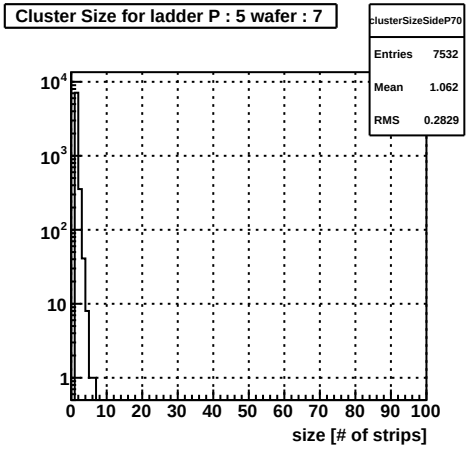

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 12559
Mean 1.066
RMS 0.2857
size [# of strips]

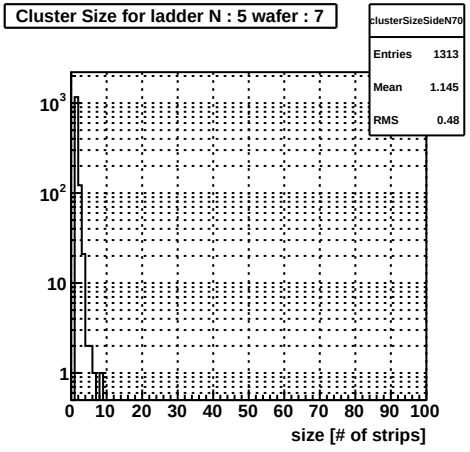

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 222
Mean 1.32
RMS 0.6586
size [# of strips]

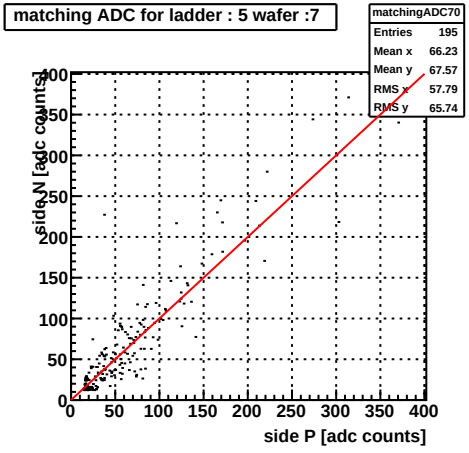

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 121
Mean x 88.97
Mean y 94.58
RMS x 51.99
RMS y 52.12
side N [adc counts]
side P [adc counts]

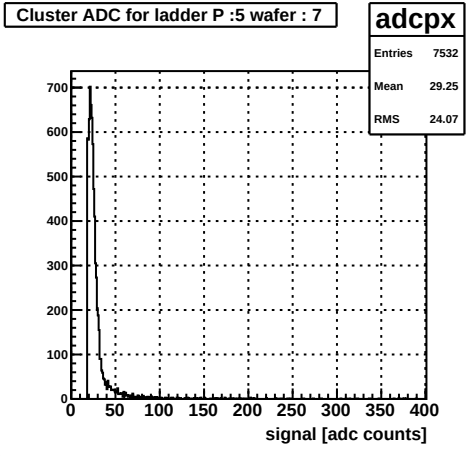

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 12559
Mean 32.34
RMS 21.34
signal [adc counts]

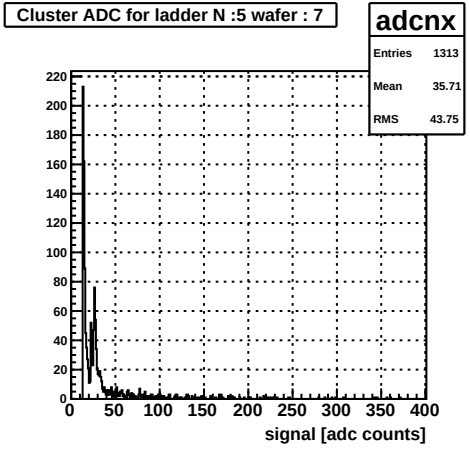

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 222
Mean 97.38
RMS 57.67
signal [adc counts]

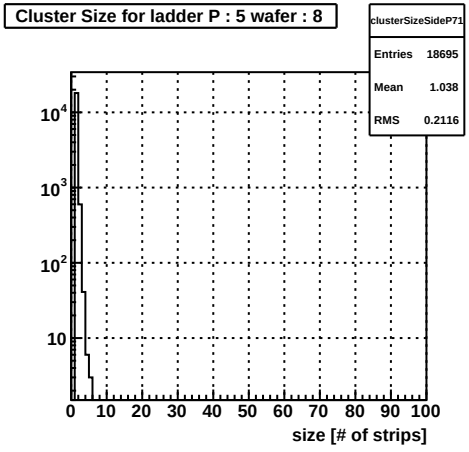

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7532
Mean 1.062
RMS 0.2829
size [# of strips]

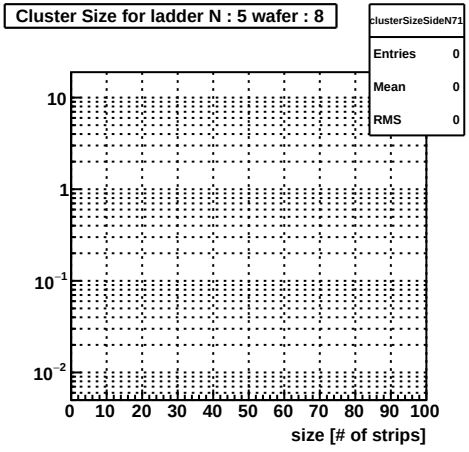

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1313
Mean 1.145
RMS 0.48
size [# of strips]

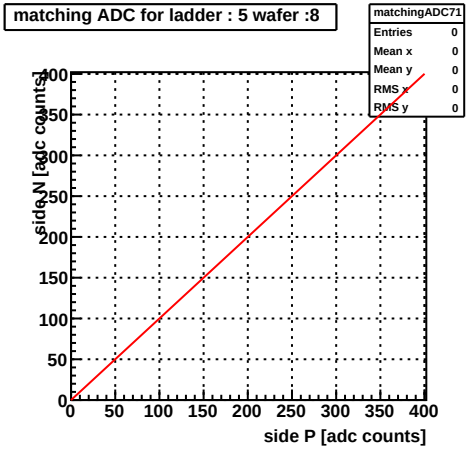

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 195
Mean x 66.23
Mean y 67.57
RMS x 57.79
RMS y 65.74
side N [adc counts]
side P [adc counts]

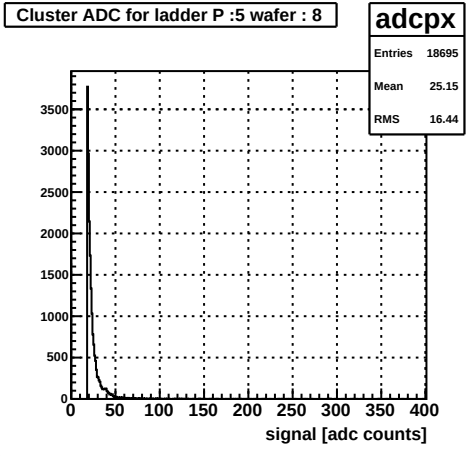

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7532
Mean 29.25
RMS 24.07
signal [adc counts]

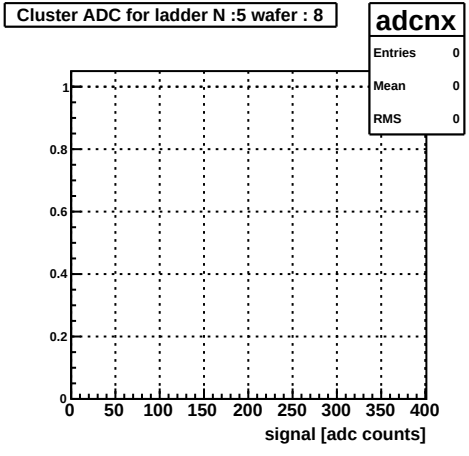

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1313
Mean 35.71
RMS 43.75
signal [adc counts]

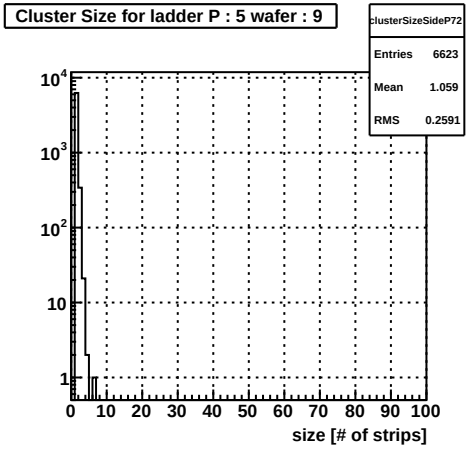

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 18695
Mean 1.038
RMS 0.2116
size [# of strips]

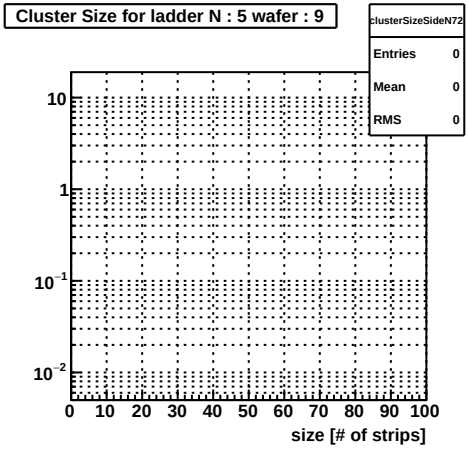

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

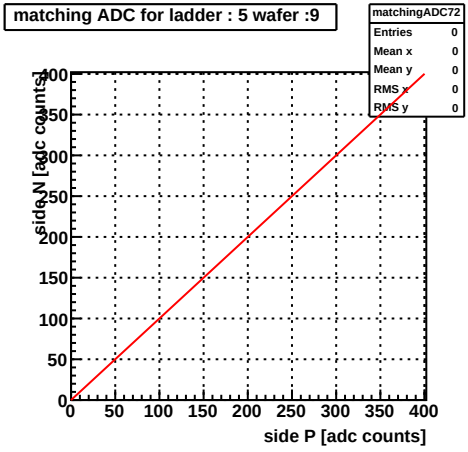

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

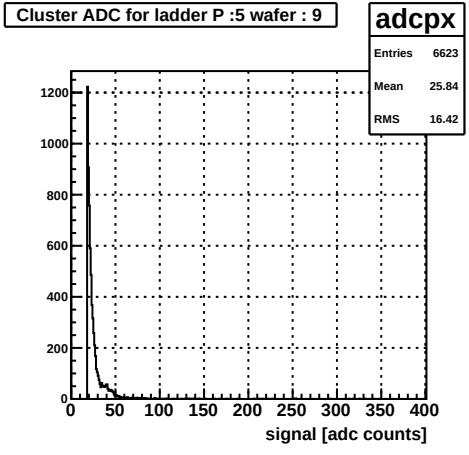

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 18695
Mean 25.15
RMS 16.44
signal [adc counts]

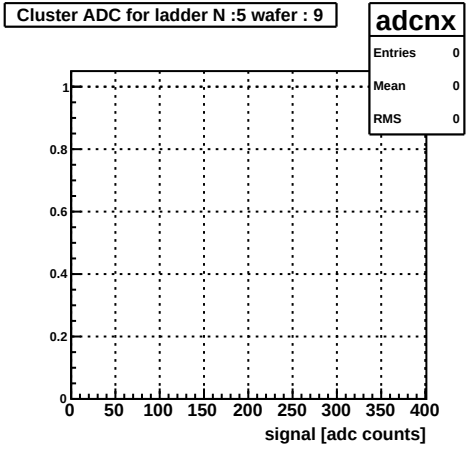

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

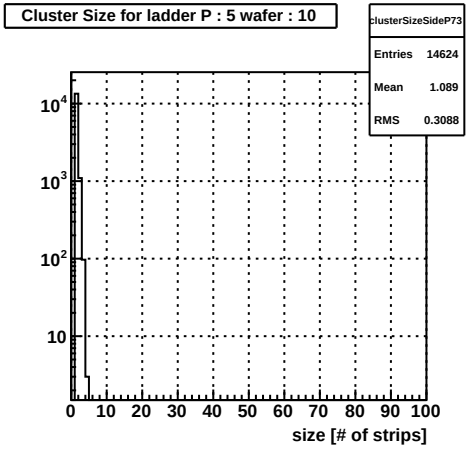

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 6623
Mean 1.059
RMS 0.2591
size [# of strips]

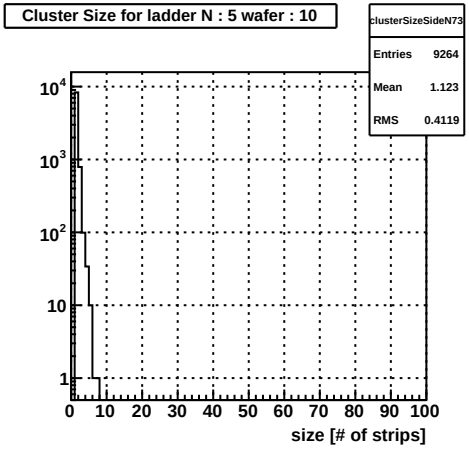

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

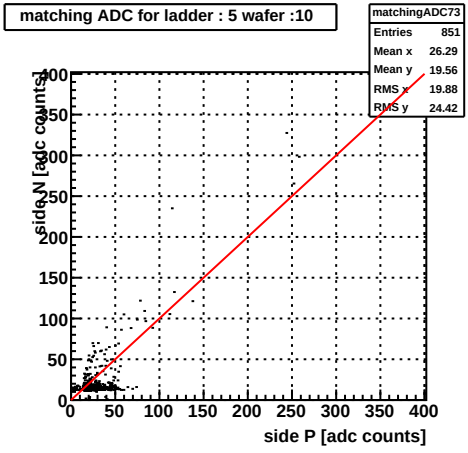

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

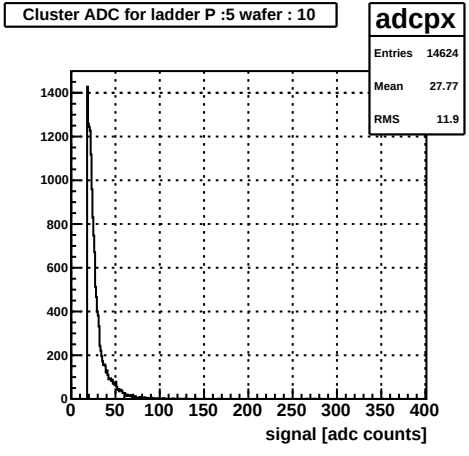

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 6623
Mean 25.84
RMS 16.42
signal [adc counts]

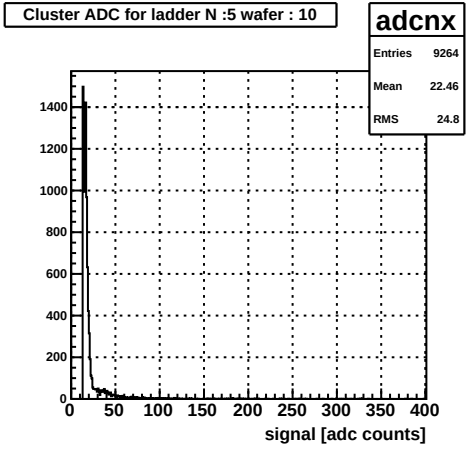

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

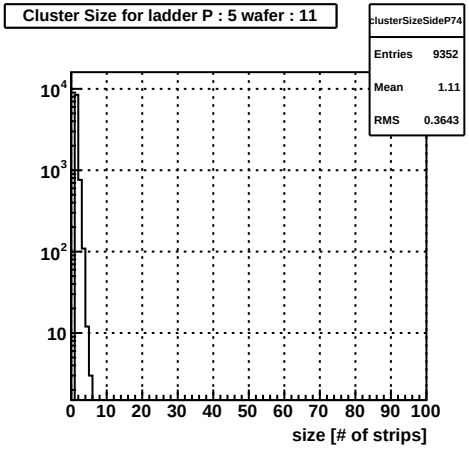

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 14624
Mean 1.089
RMS 0.3088
size [# of strips]

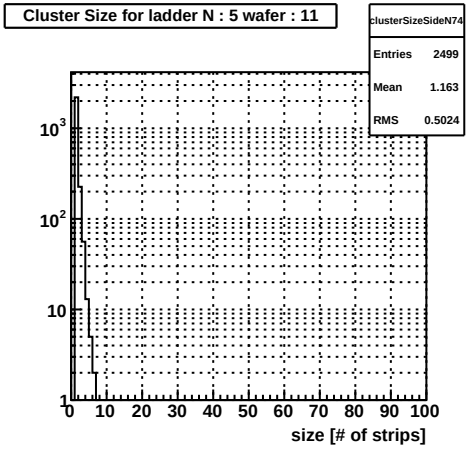

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9264
Mean 1.123
RMS 0.4119
size [# of strips]

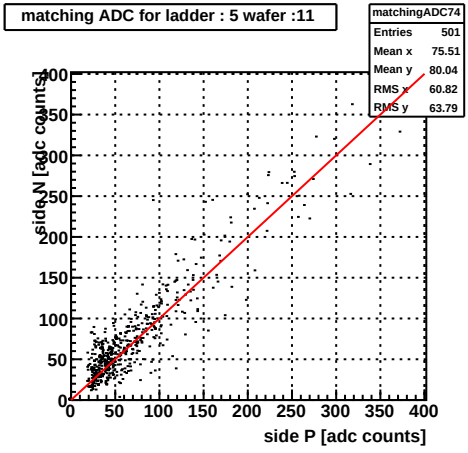

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 851
Mean x 26.29
Mean y 19.56
RMS x 19.88
RMS y 24.42
side N [adc counts]
side P [adc counts]

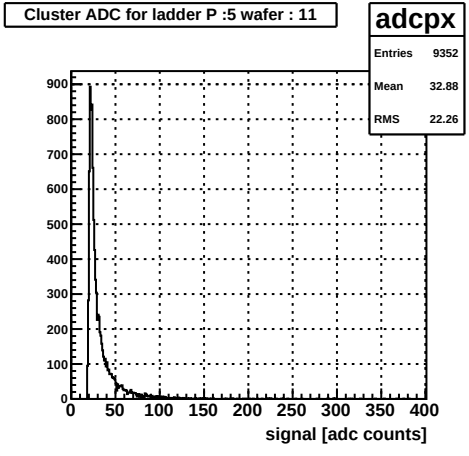

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 14624
Mean 27.77
RMS 11.9
signal [adc counts]

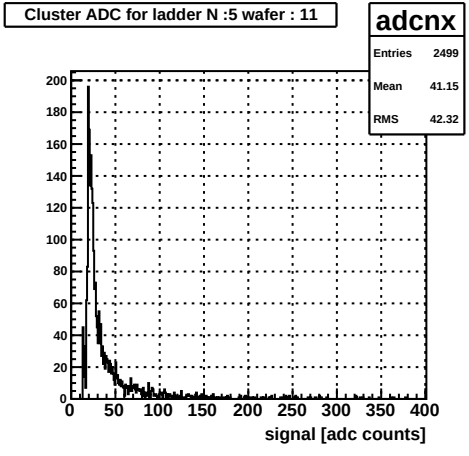

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9264
Mean 22.46
RMS 24.8
signal [adc counts]

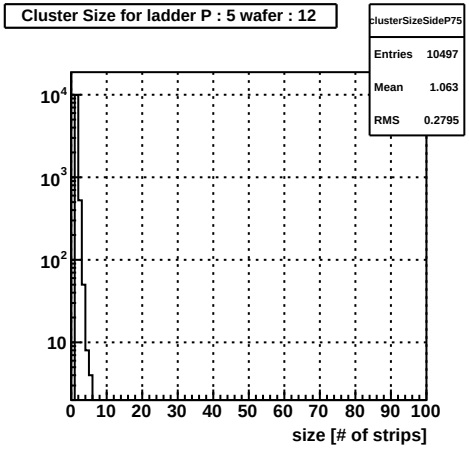

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9352
Mean 1.11
RMS 0.3643
size [# of strips]

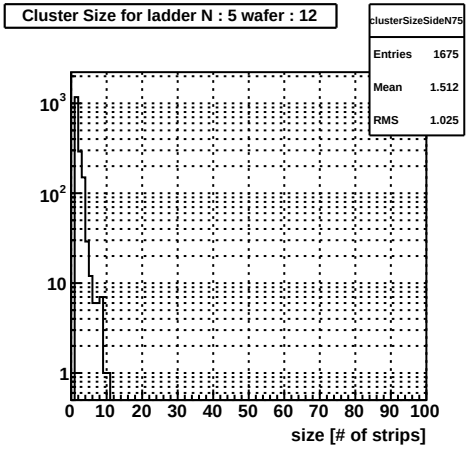

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2499
Mean 1.163
RMS 0.5024
size [# of strips]

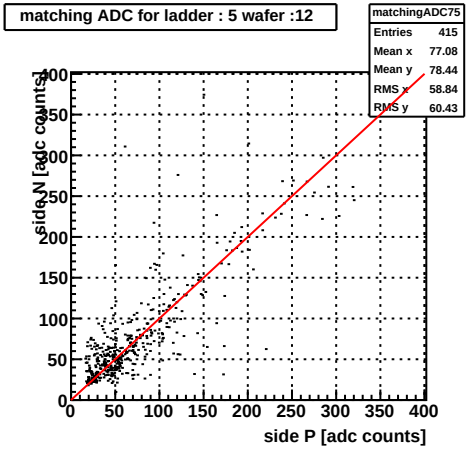

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 501
Mean x 75.51
Mean y 80.04
RMS x 60.82
RMS y 63.79
side N [adc counts]
side P [adc counts]

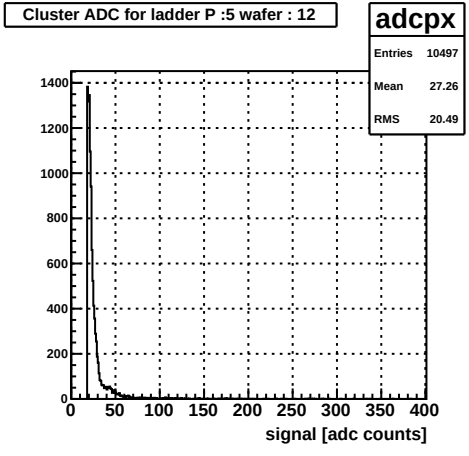

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9352
Mean 32.88
RMS 22.26
signal [adc counts]

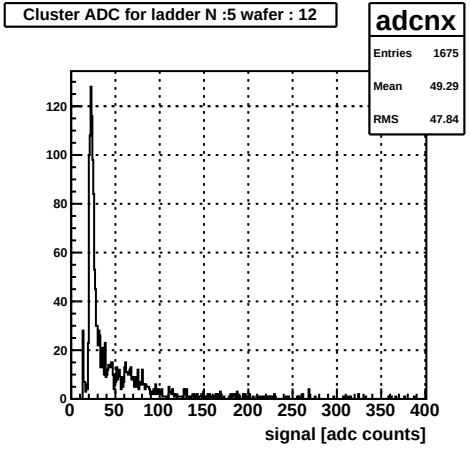

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2499
Mean 41.15
RMS 42.32
signal [adc counts]

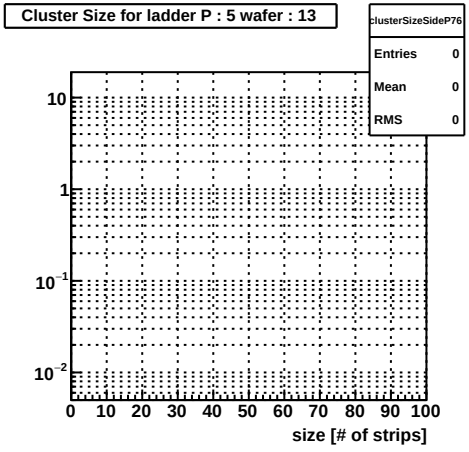

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10497
Mean 1.063
RMS 0.2795
size [# of strips]

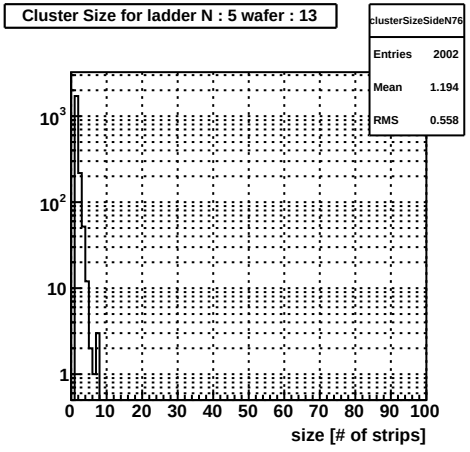

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1675
Mean 1.512
RMS 1.025
size [# of strips]

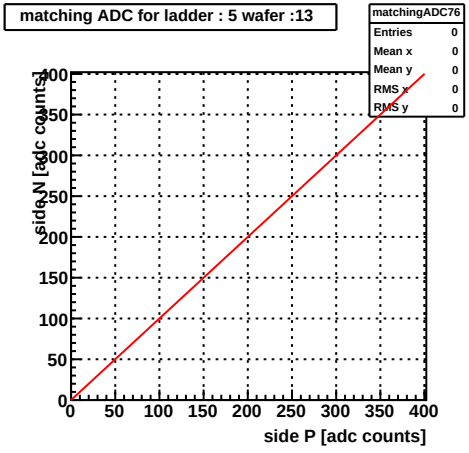

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 415
Mean x 77.08
Mean y 78.44
RMS x 58.84
RMS y 60.43
side N [adc counts]
side P [adc counts]

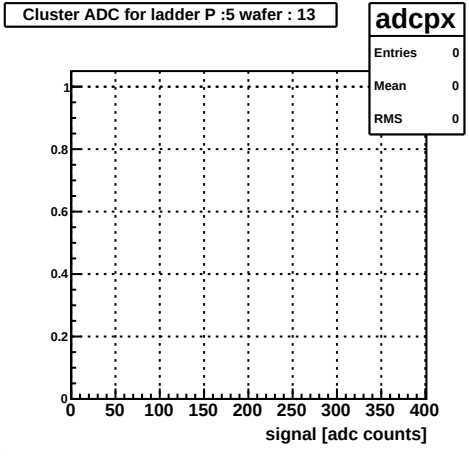

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10497
Mean 27.26
RMS 20.49
signal [adc counts]

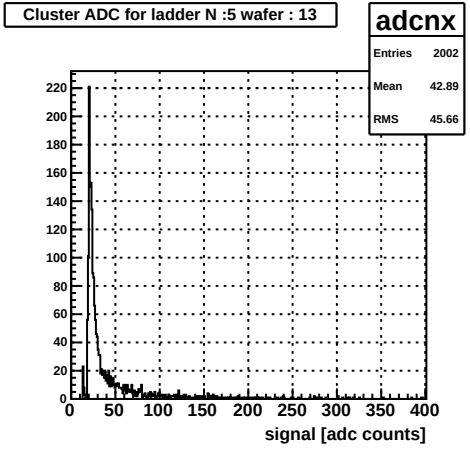

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1675
Mean 49.29
RMS 47.84
signal [adc counts]

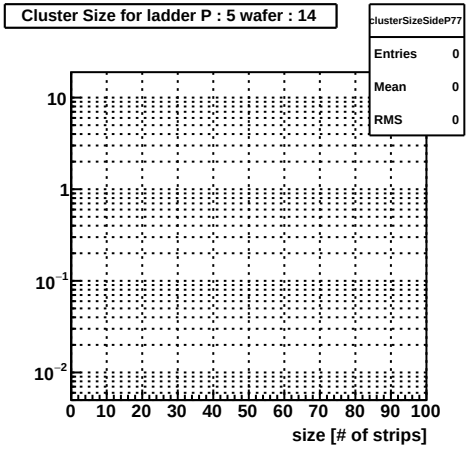

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

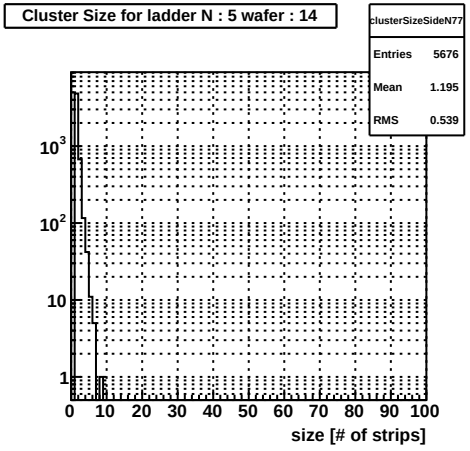

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2002
Mean 1.194
RMS 0.558
size [# of strips]

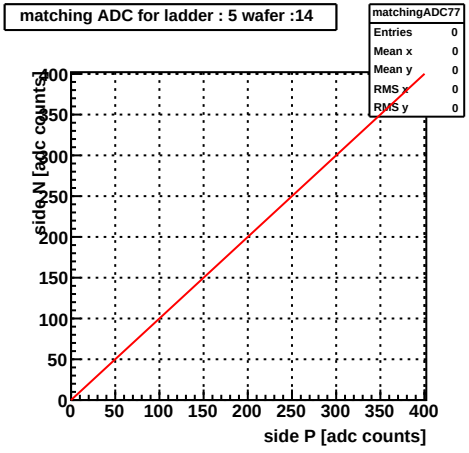

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

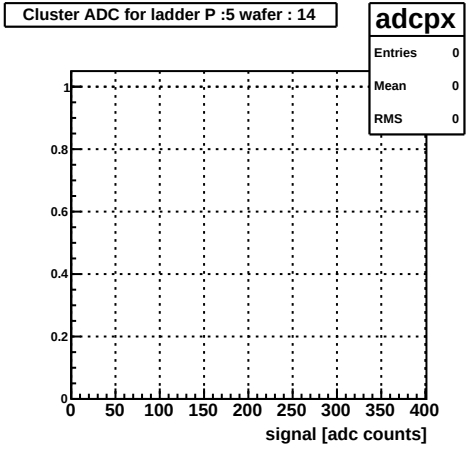

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

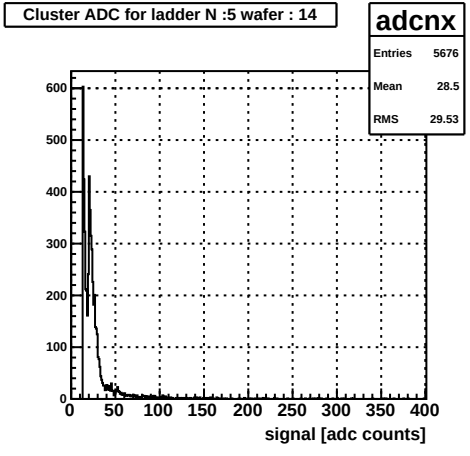

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2002
Mean 42.89
RMS 45.66
signal [adc counts]

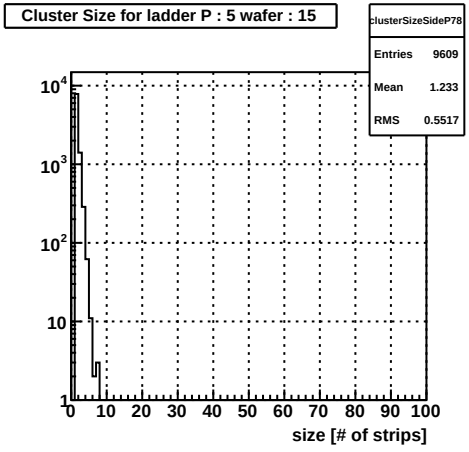

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

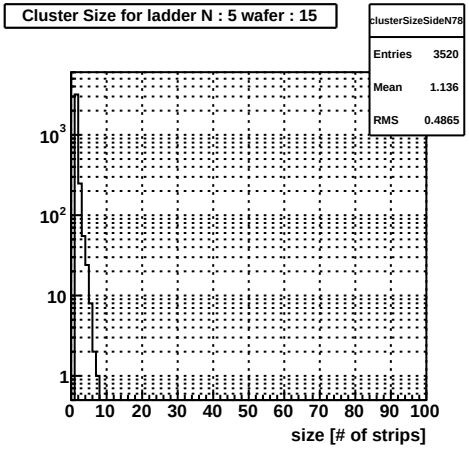

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5676
Mean 1.195
RMS 0.539
size [# of strips]

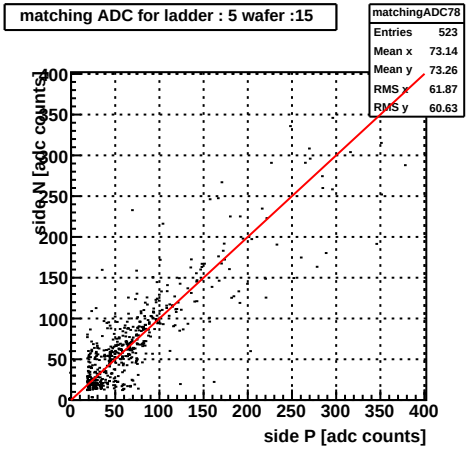

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

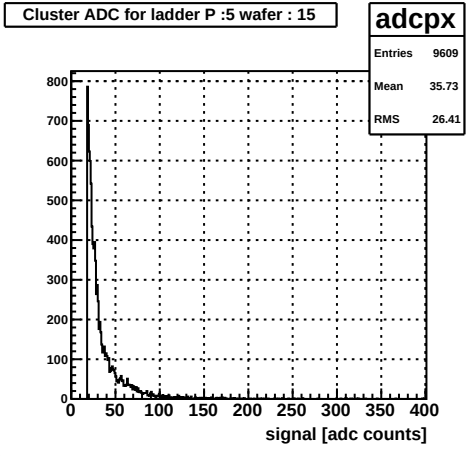

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

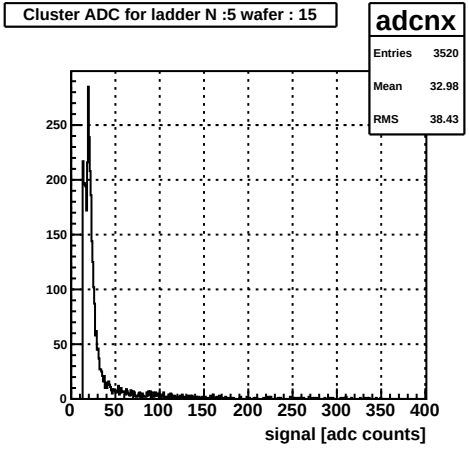

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5676
Mean 28.5
RMS 29.53
signal [adc counts]

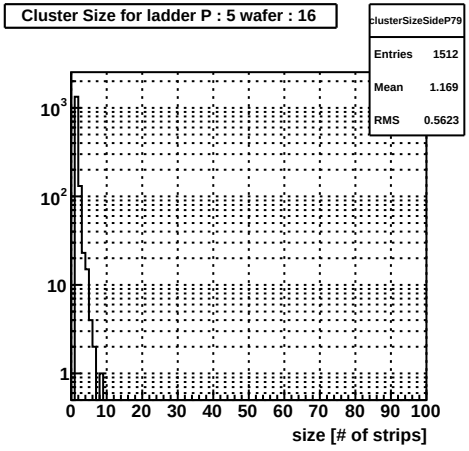

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 9609
Mean 1.233
RMS 0.5517
size [# of strips]

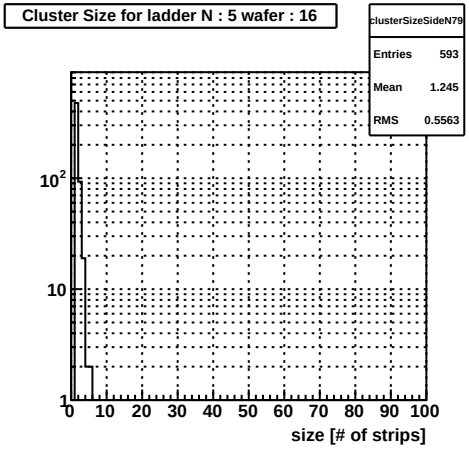

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3520
Mean 1.136
RMS 0.4865
size [# of strips]

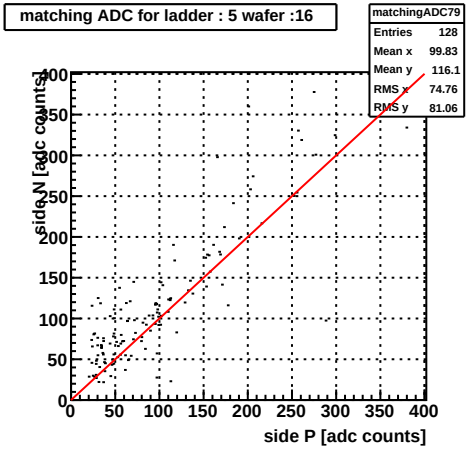

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 523
Mean x 73.14
Mean y 73.26
RMS x 61.87
RMS y 60.63
side N [adc counts]
side P [adc counts]

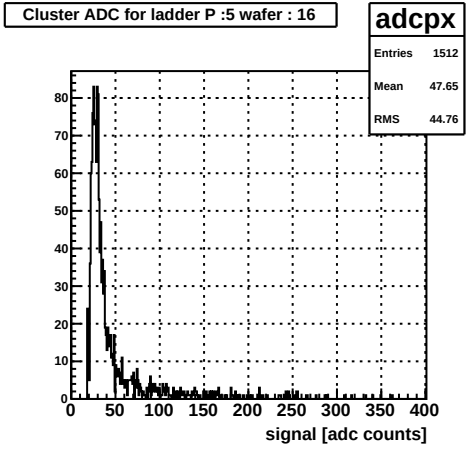

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 9609
Mean 35.73
RMS 26.41
signal [adc counts]

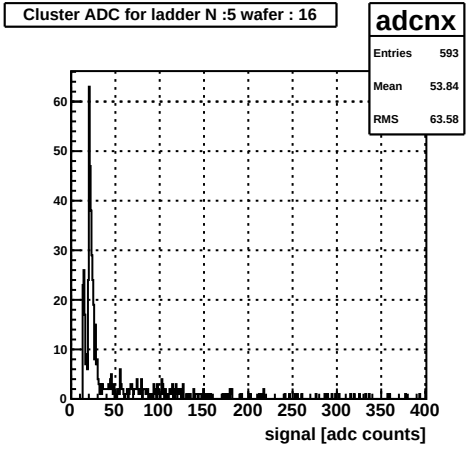

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3520
Mean 32.98
RMS 38.43
signal [adc counts]

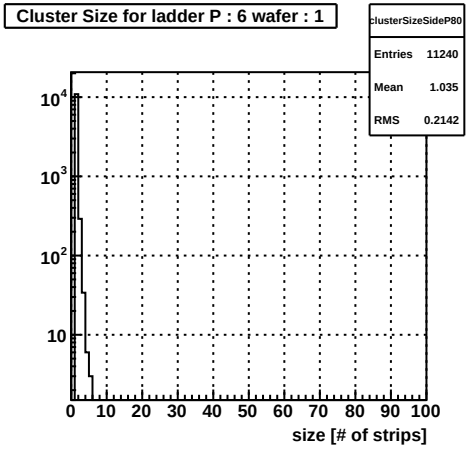

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1512
Mean 1.169
RMS 0.5623
size [# of strips]

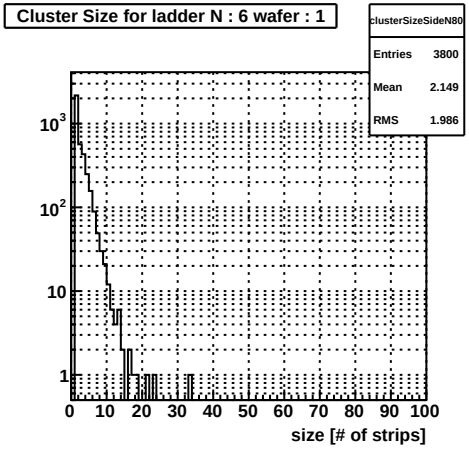

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 593
Mean 1.245
RMS 0.5563
size [# of strips]

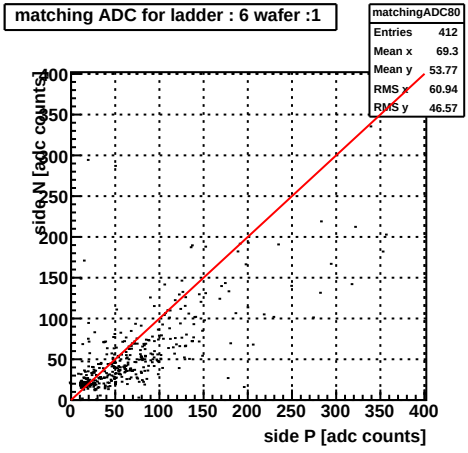

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 128
Mean x 99.83
Mean y 116.1
RMS x 74.76
RMS y 81.06
side N [adc counts]
side P [adc counts]

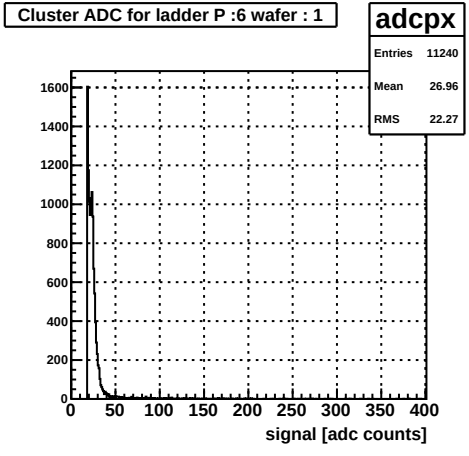

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1512
Mean 47.65
RMS 44.76
signal [adc counts]

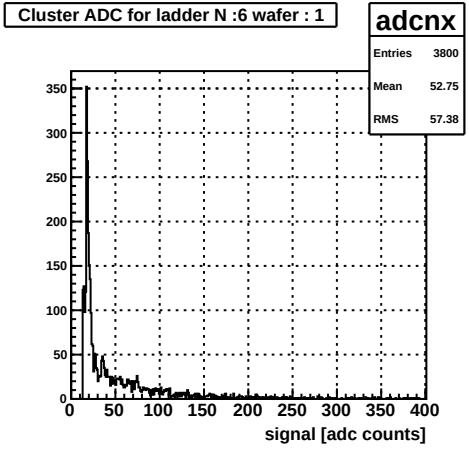

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 593
Mean 53.84
RMS 63.58
signal [adc counts]

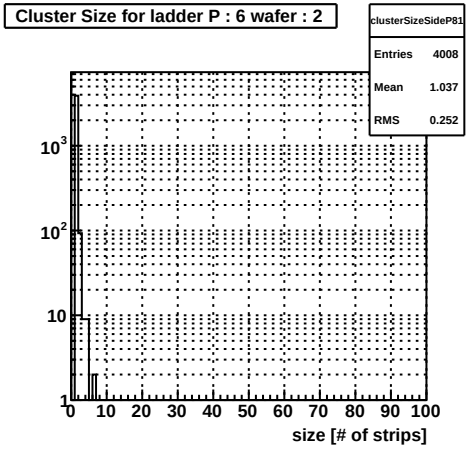

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11240
Mean 1.035
RMS 0.2142
size [# of strips]

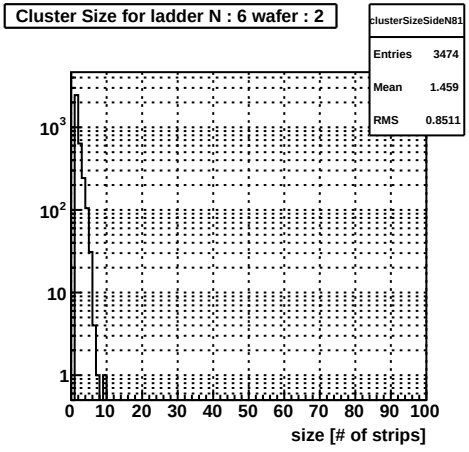

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3800
Mean 2.149
RMS 1.986
size [# of strips]

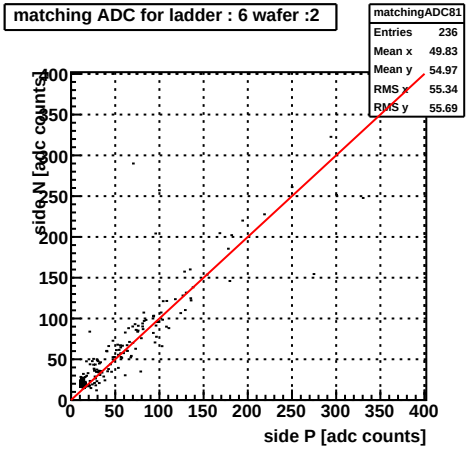

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 412
Mean x 69.3
Mean y 53.77
RMS x 60.94
RMS y 46.57
side N [adc counts]
side P [adc counts]

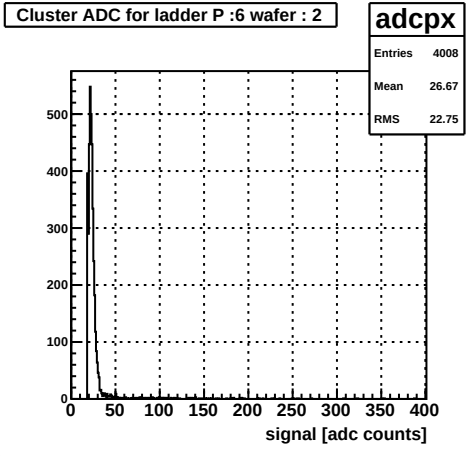

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11240
Mean 26.96
RMS 22.27
signal [adc counts]

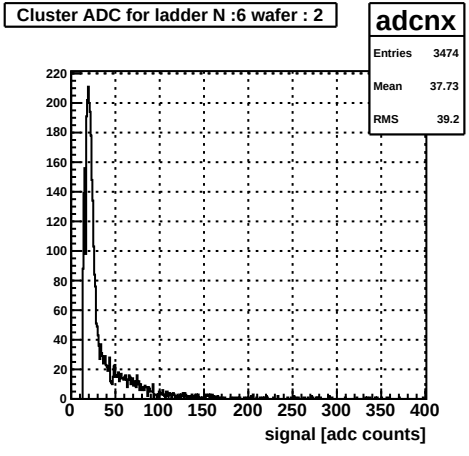

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3800
Mean 52.75
RMS 57.38
signal [adc counts]

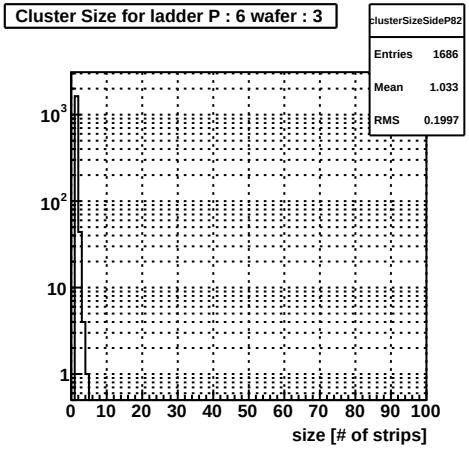

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4008
Mean 1.037
RMS 0.252
size [# of strips]

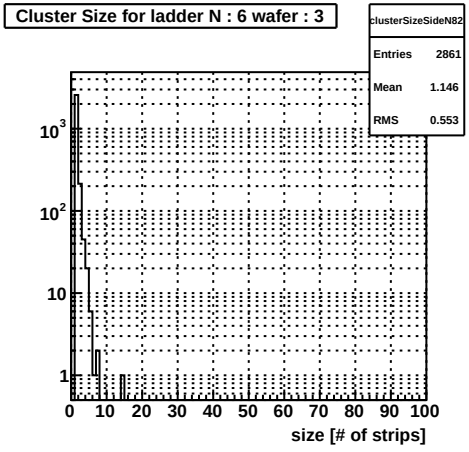

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3474
Mean 1.459
RMS 0.8511
size [# of strips]

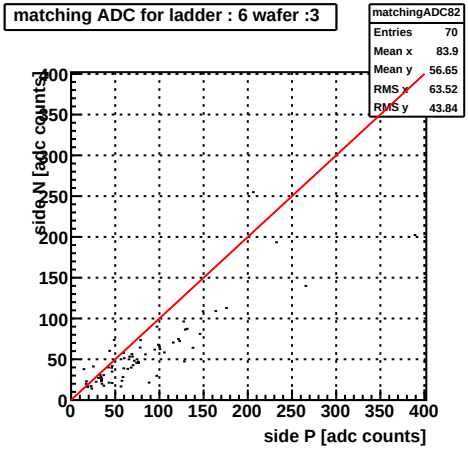

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 236
Mean x 49.83
Mean y 54.97
RMS x 55.34
RMS y 55.69
side N [adc counts]
side P [adc counts]

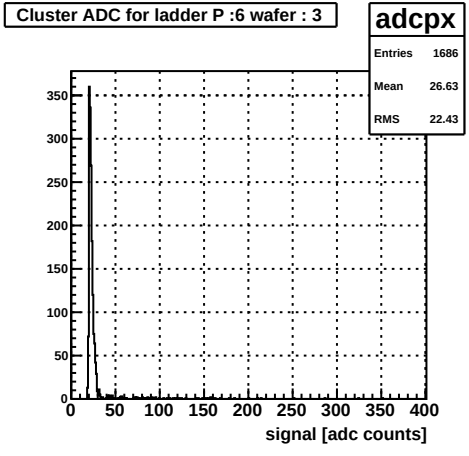

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4008
Mean 26.67
RMS 22.75
signal [adc counts]

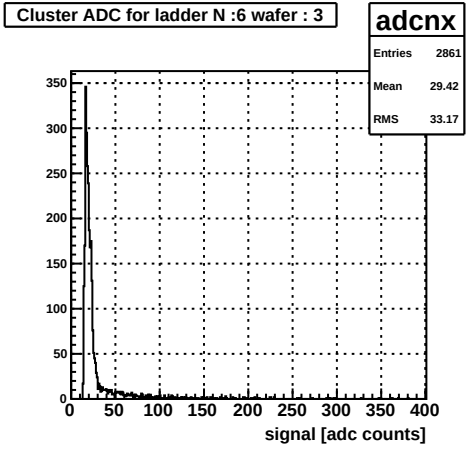

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3474
Mean 37.73
RMS 39.2
signal [adc counts]

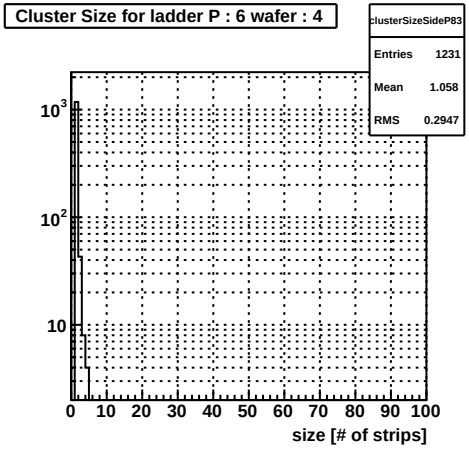

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1686
Mean 1.033
RMS 0.1997
size [# of strips]

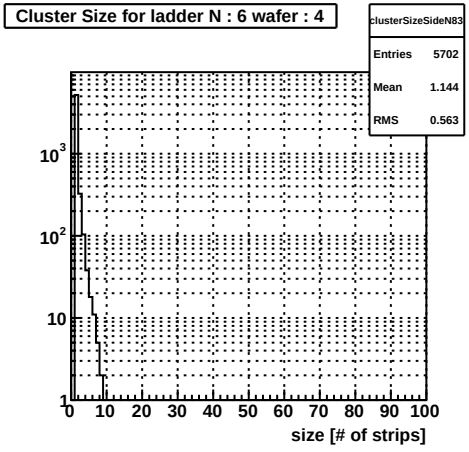

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2861
Mean 1.146
RMS 0.553
size [# of strips]

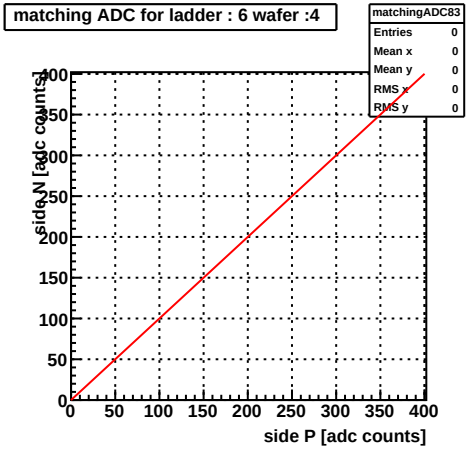

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 70
Mean x 83.9
Mean y 56.65
RMS x 63.52
RMS y 43.84
side N [adc counts]
side P [adc counts]

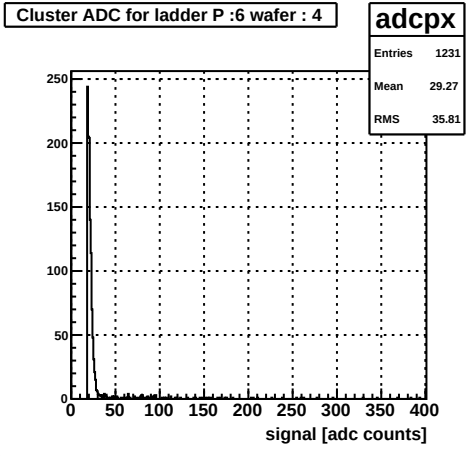

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1686
Mean 26.63
RMS 22.43
signal [adc counts]

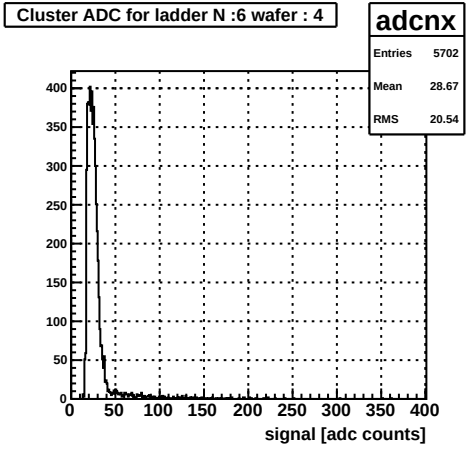

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2861
Mean 29.42
RMS 33.17
signal [adc counts]

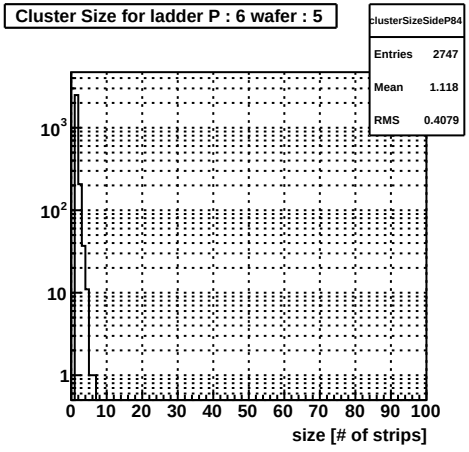

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1231
Mean 1.058
RMS 0.2947
size [# of strips]

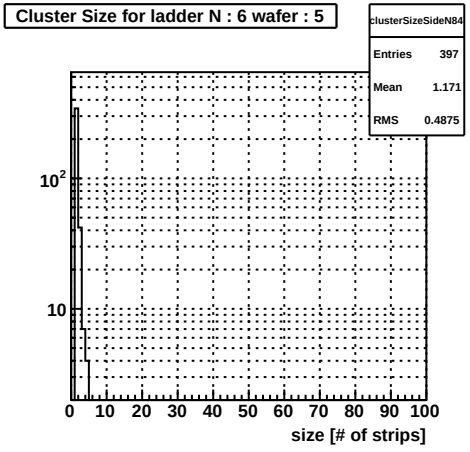

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5702
Mean 1.144
RMS 0.563
size [# of strips]

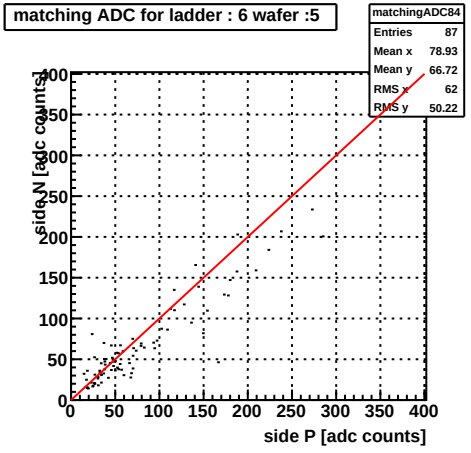

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

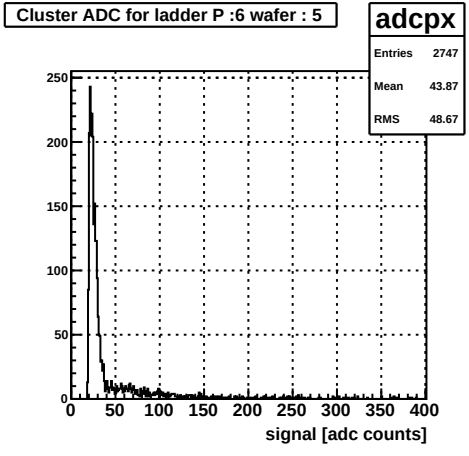

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1231
Mean 29.27
RMS 35.81
signal [adc counts]

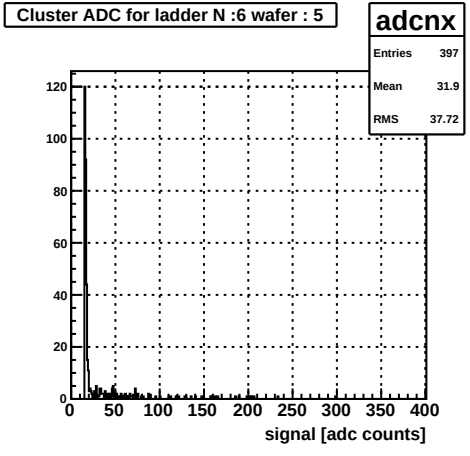

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5702
Mean 28.67
RMS 20.54
signal [adc counts]

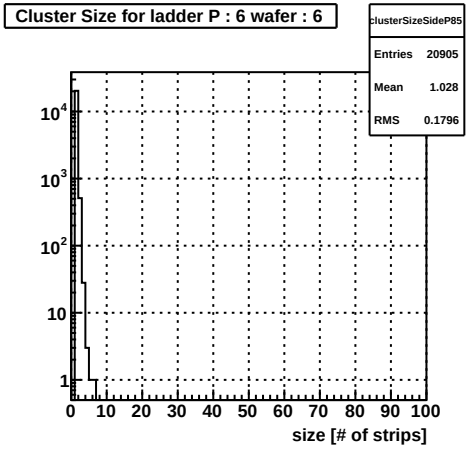

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2747
Mean 1.118
RMS 0.4079
size [# of strips]

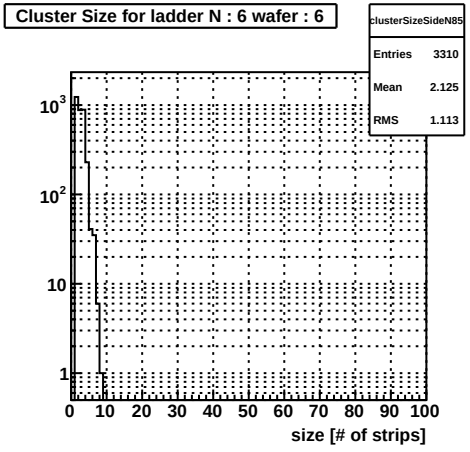

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 397
Mean 1.171
RMS 0.4875
size [# of strips]

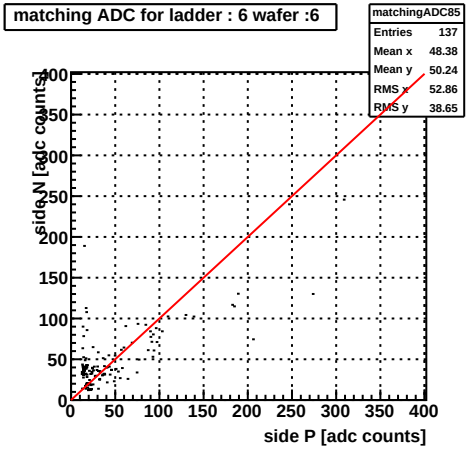

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 87
Mean x 78.93
Mean y 66.72
RMS x 62
RMS y 50.22
side N [adc counts]
side P [adc counts]

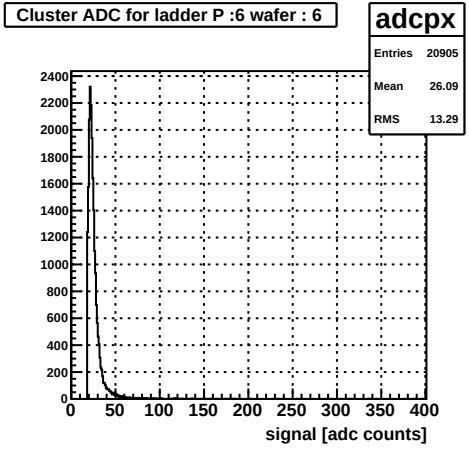

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2747
Mean 43.87
RMS 48.67
signal [adc counts]

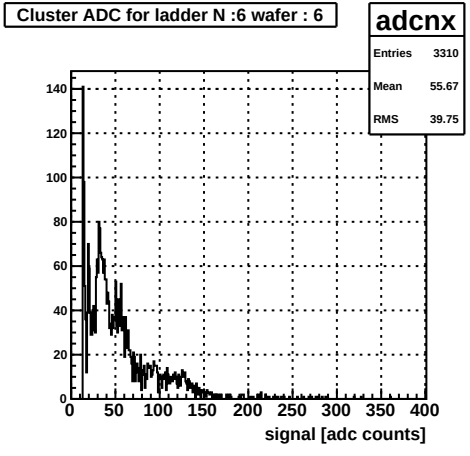

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 397
Mean 31.9
RMS 37.72
signal [adc counts]

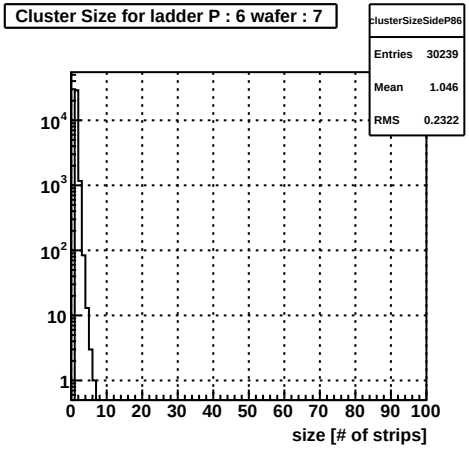

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 20905
Mean 1.028
RMS 0.1796
size [# of strips]

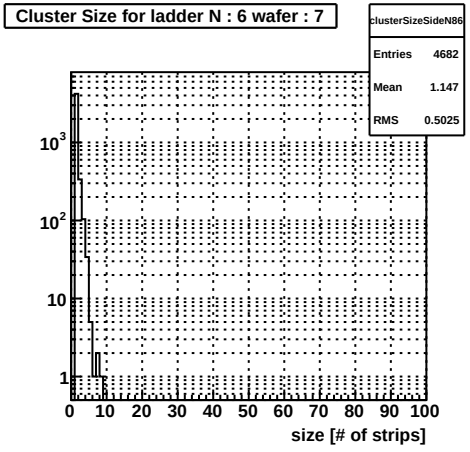

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3310
Mean 2.125
RMS 1.113
size [# of strips]

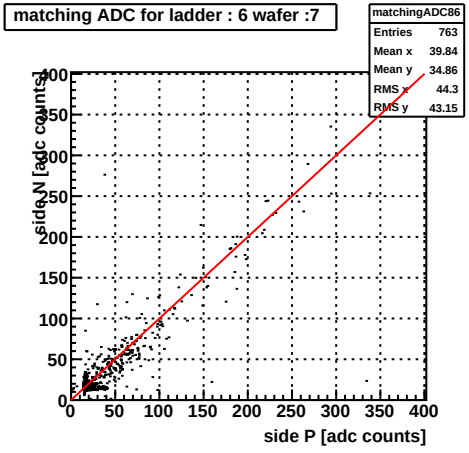

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 137
Mean x 48.38
Mean y 50.24
RMS x 52.86
RMS y 38.65
side N [adc counts]
side P [adc counts]

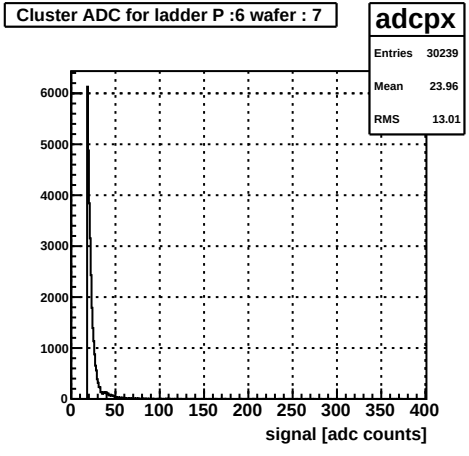

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 20905
Mean 26.09
RMS 13.29
signal [adc counts]

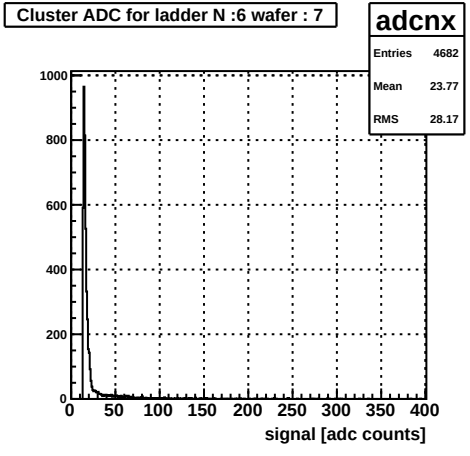

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3310
Mean 55.67
RMS 39.75
signal [adc counts]

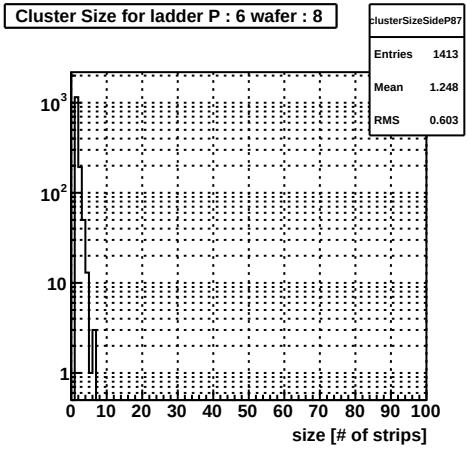

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 30239
Mean 1.046
RMS 0.2322
size [# of strips]

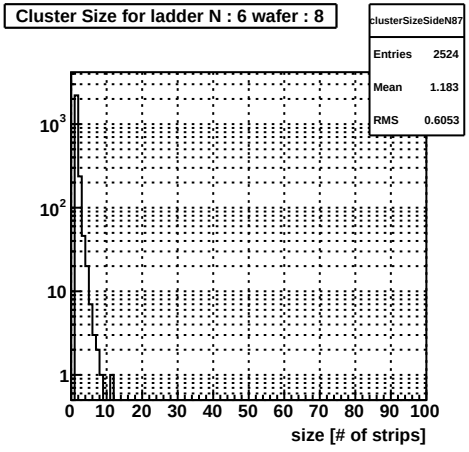

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4682
Mean 1.147
RMS 0.5025
size [# of strips]

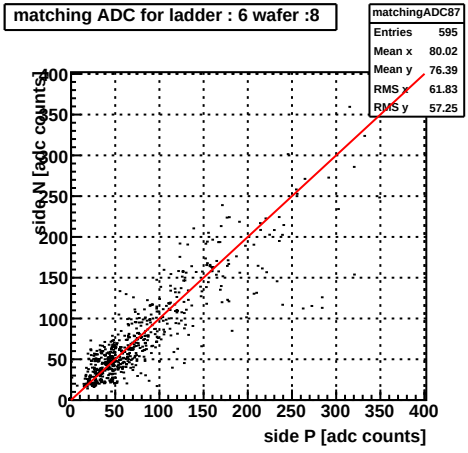

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 763
Mean x 39.84
Mean y 34.86
RMS x 44.3
RMS y 43.15
side N [adc counts]
side P [adc counts]

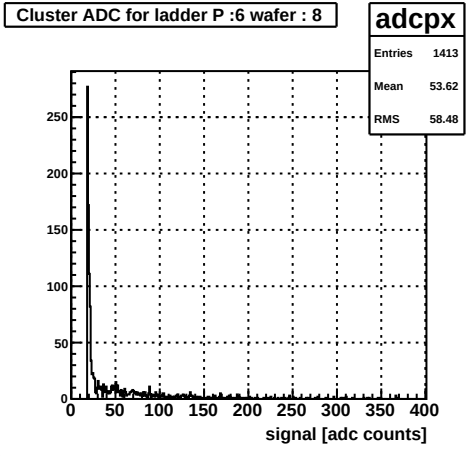

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 30239
Mean 23.96
RMS 13.01
signal [adc counts]

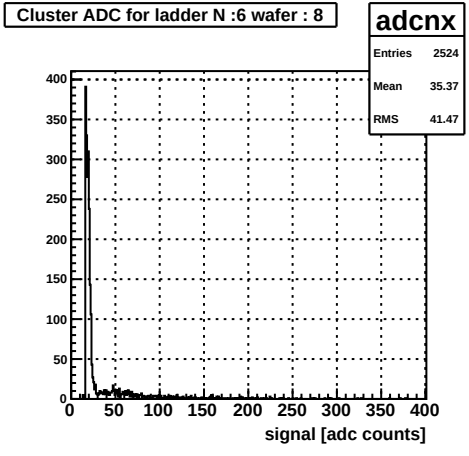

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4682
Mean 23.77
RMS 28.17
signal [adc counts]

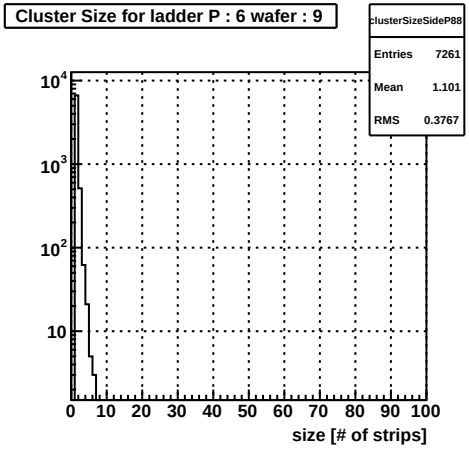

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1413
Mean 1.248
RMS 0.603
size [# of strips]

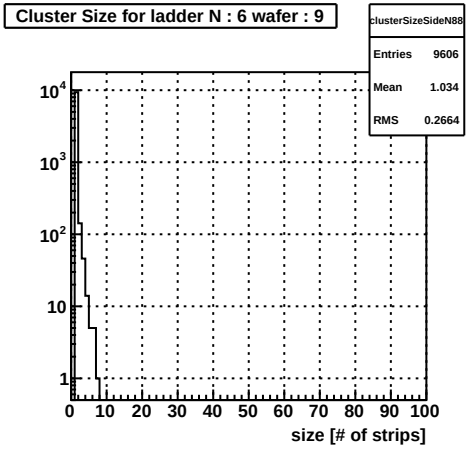

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2524
Mean 1.183
RMS 0.6053
size [# of strips]

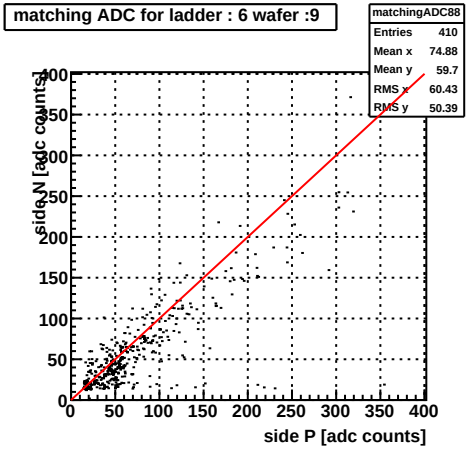

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 595
Mean x 80.02
Mean y 76.39
RMS x 61.83
RMS y 57.25
side N [adc counts]
side P [adc counts]

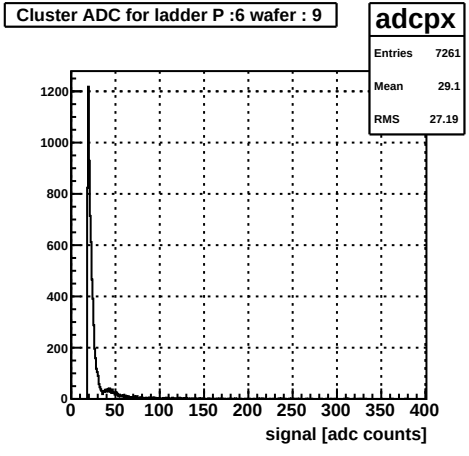

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1413
Mean 53.62
RMS 58.48
signal [adc counts]

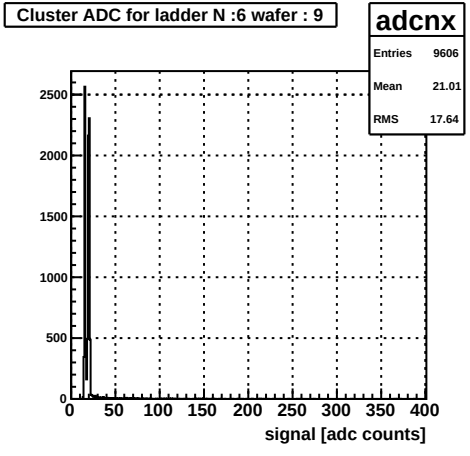

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2524
Mean 35.37
RMS 41.47
signal [adc counts]

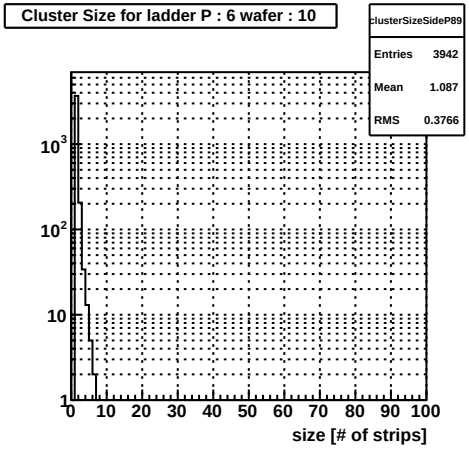

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 7261
Mean 1.101
RMS 0.3767
size [# of strips]

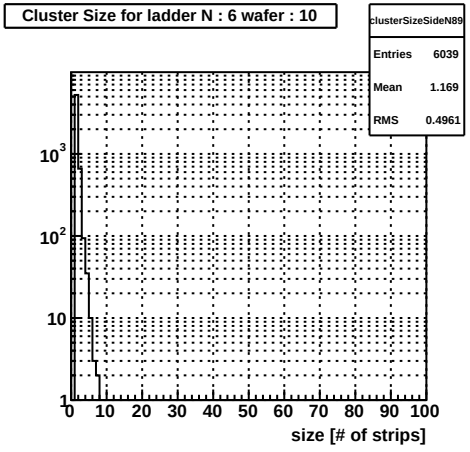

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 9606
Mean 1.034
RMS 0.2664
size [# of strips]

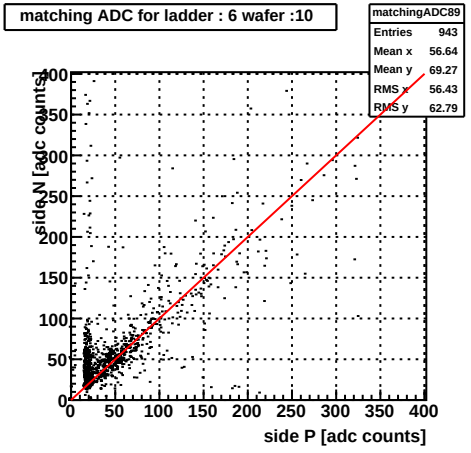

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 410
Mean x 74.88
Mean y 59.7
RMS x 60.43
RMS y 50.39
side N [adc counts]
side P [adc counts]

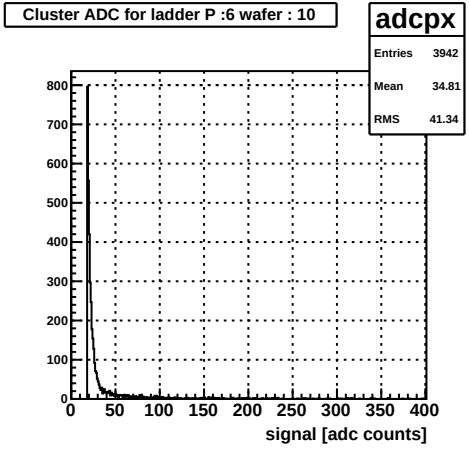

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 7261
Mean 29.1
RMS 27.19
signal [adc counts]

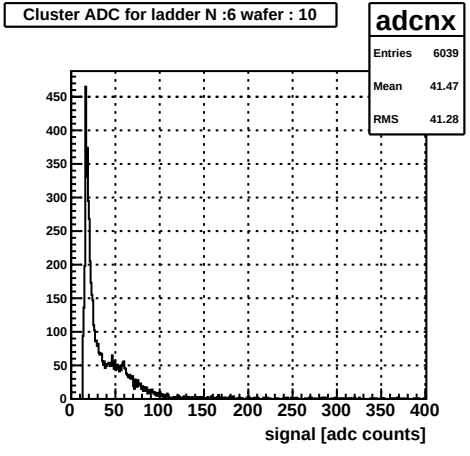

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 9606
Mean 21.01
RMS 17.64
signal [adc counts]

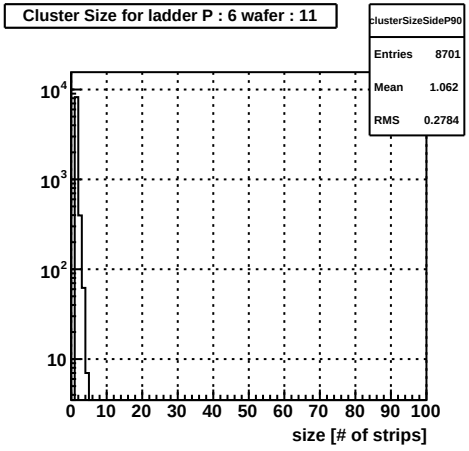

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3942
Mean 1.087
RMS 0.3766
size [# of strips]

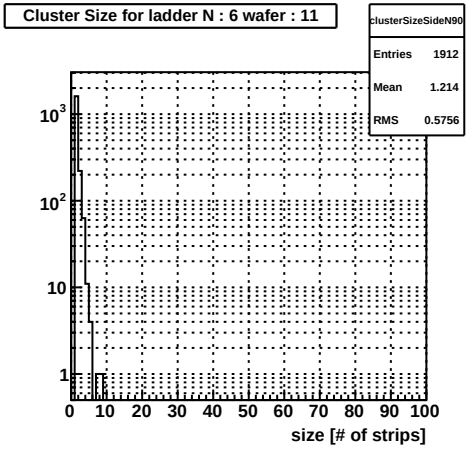

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6039
Mean 1.169
RMS 0.4961
size [# of strips]

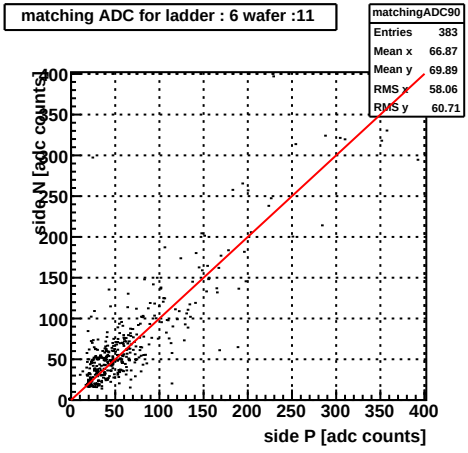

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 943
Mean x 56.64
Mean y 69.27
RMS x 56.43
RMS y 62.79
side N [adc counts]
side P [adc counts]

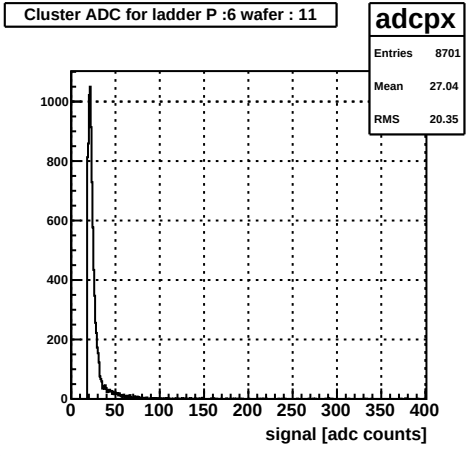

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3942
Mean 34.81
RMS 41.34
signal [adc counts]

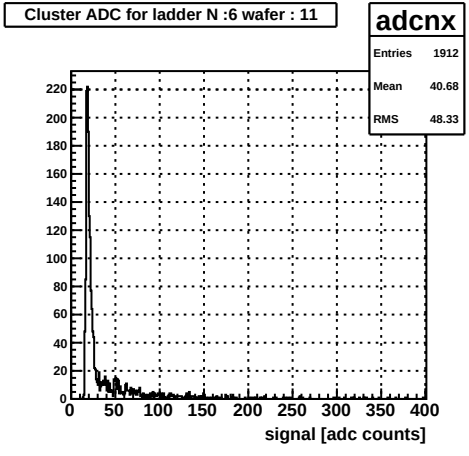

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6039
Mean 41.47
RMS 41.28
signal [adc counts]

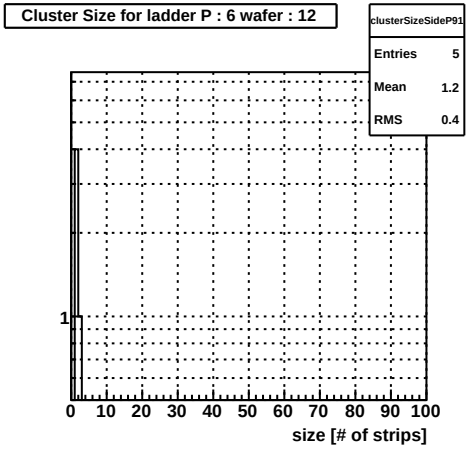

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 8701
Mean 1.062
RMS 0.2784
size [# of strips]

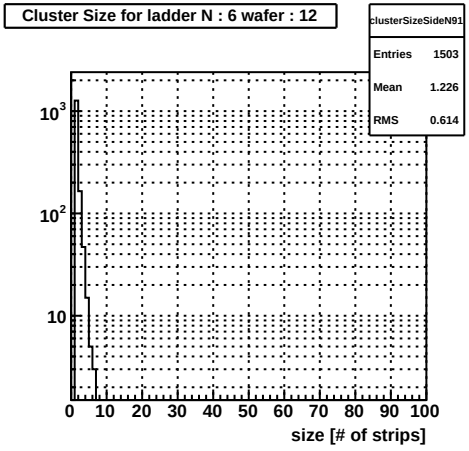

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1912
Mean 1.214
RMS 0.5756
size [# of strips]

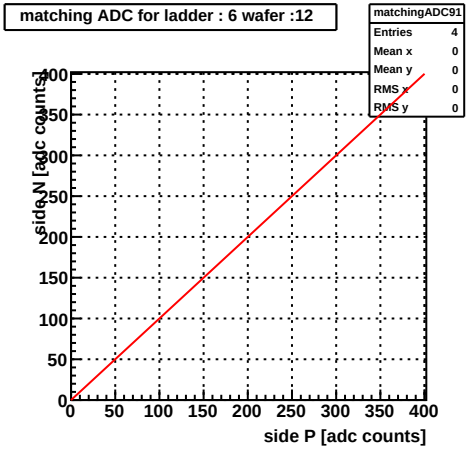

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 383
Mean x 66.87
Mean y 69.89
RMS x 58.06
RMS y 60.71
side N [adc counts]
side P [adc counts]

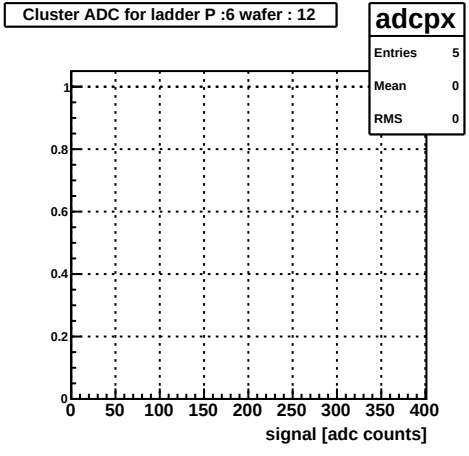

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 8701
Mean 27.04
RMS 20.35
signal [adc counts]

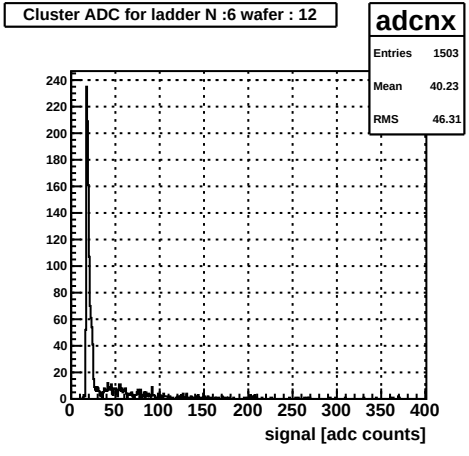

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1912
Mean 40.68
RMS 48.33
signal [adc counts]

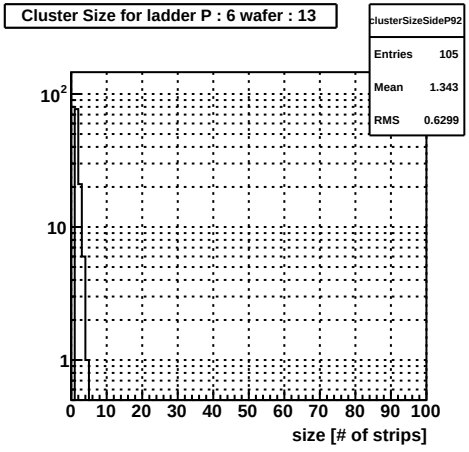

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

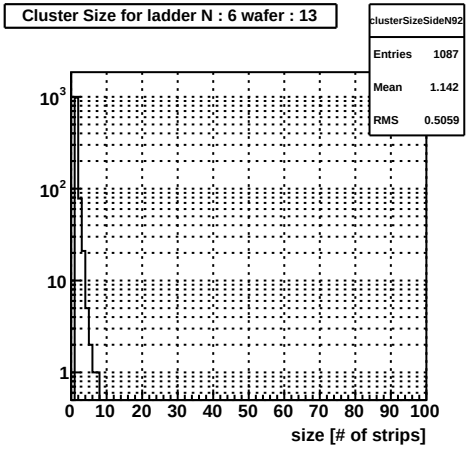

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1503
Mean 1.226
RMS 0.614
size [# of strips]

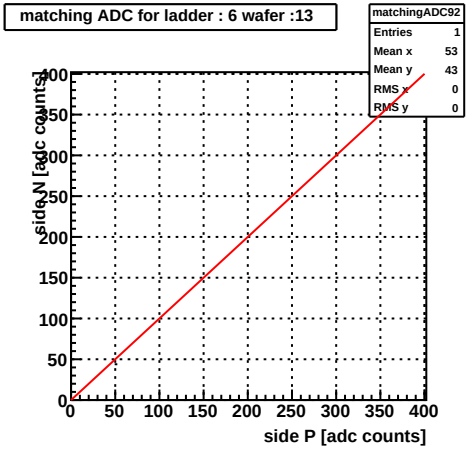

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

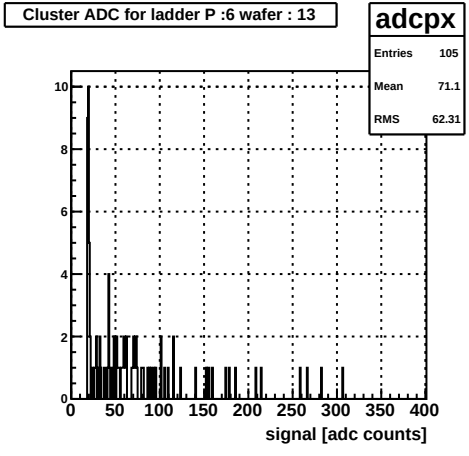

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

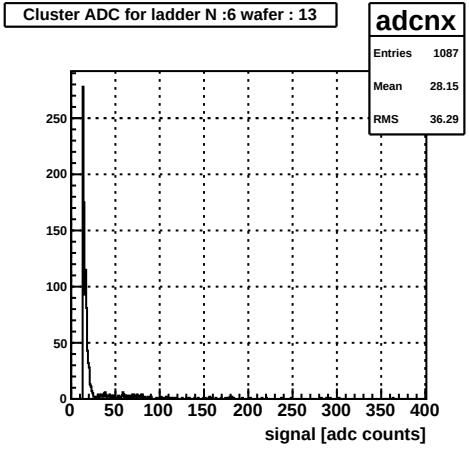

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1503
Mean 40.23
RMS 46.31
signal [adc counts]

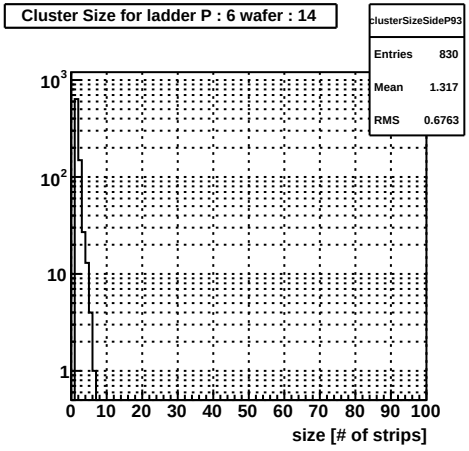

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 105
Mean 1.343
RMS 0.6299
size [# of strips]

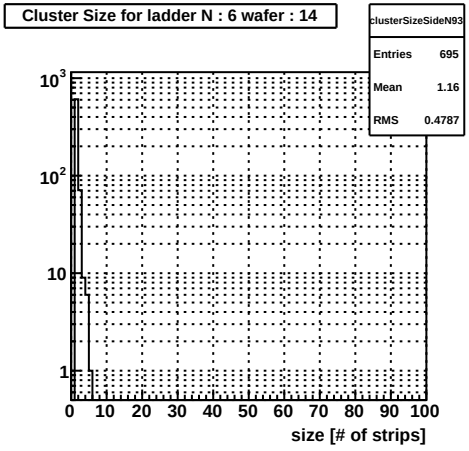

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1087
Mean 1.142
RMS 0.5059
size [# of strips]

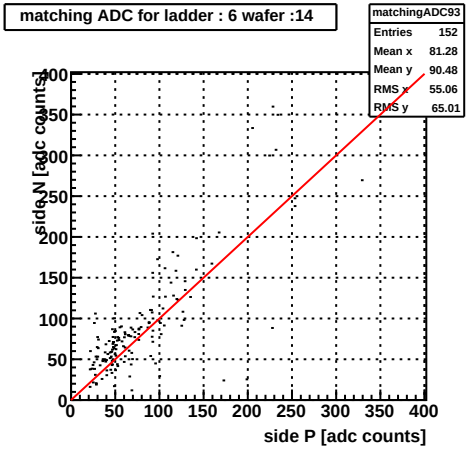

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 53
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

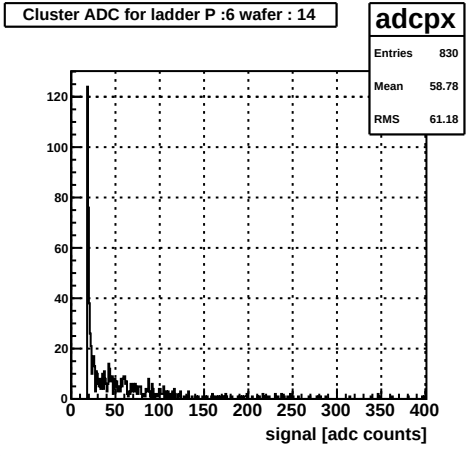

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 105
Mean 71.1
RMS 62.31
signal [adc counts]

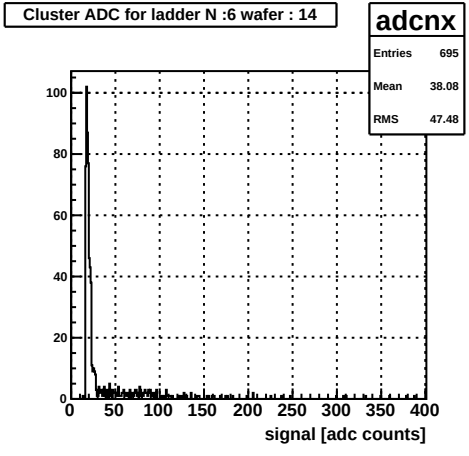

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1087
Mean 28.15
RMS 36.29
signal [adc counts]

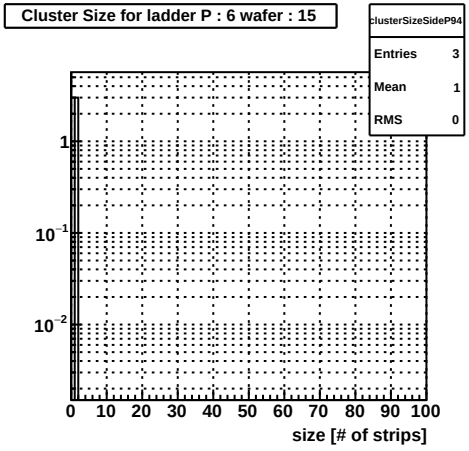

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 830
Mean 1.317
RMS 0.6763
size [# of strips]

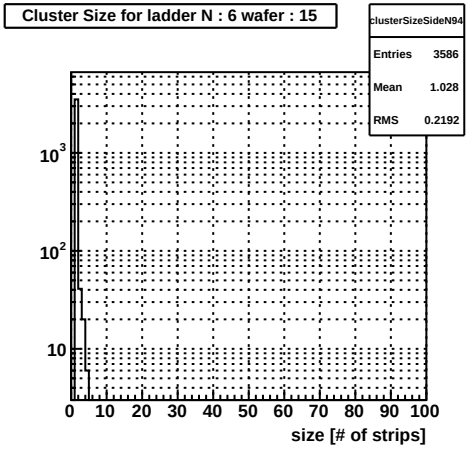

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 695
Mean 1.16
RMS 0.4787
size [# of strips]

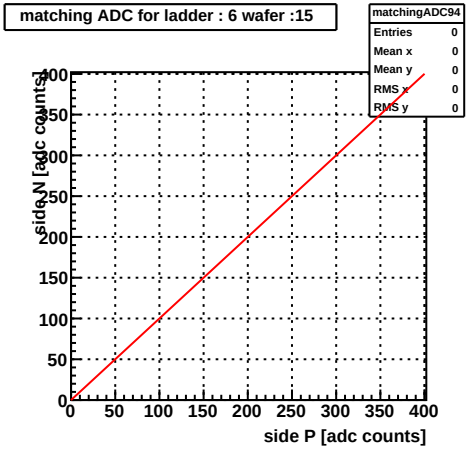

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 152
Mean x 81.28
Mean y 90.48
RMS x 55.06
RMS y 65.01
side N [adc counts]
side P [adc counts]

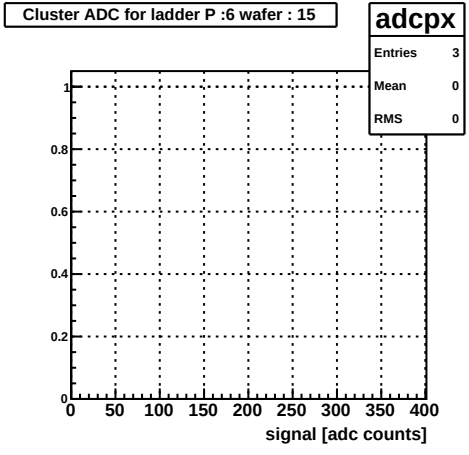

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 830
Mean 58.78
RMS 61.18
signal [adc counts]

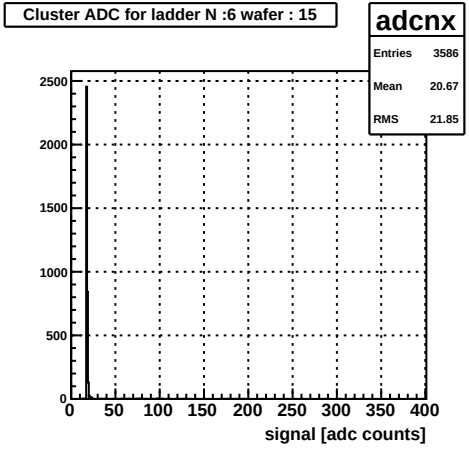

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 695
Mean 38.08
RMS 47.48
signal [adc counts]

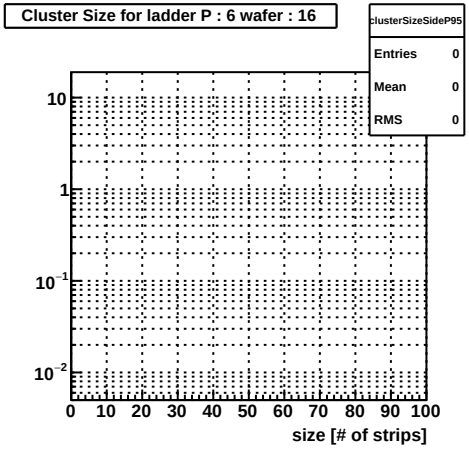

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

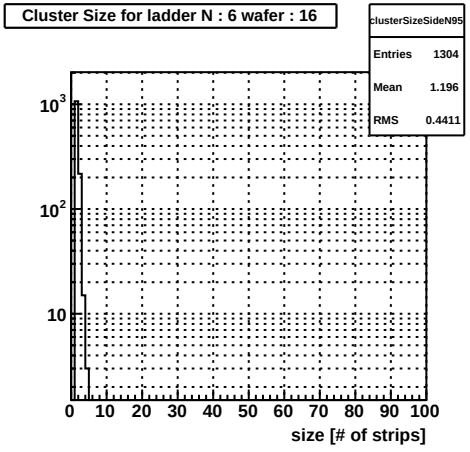

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3586
Mean 1.028
RMS 0.2192
size [# of strips]

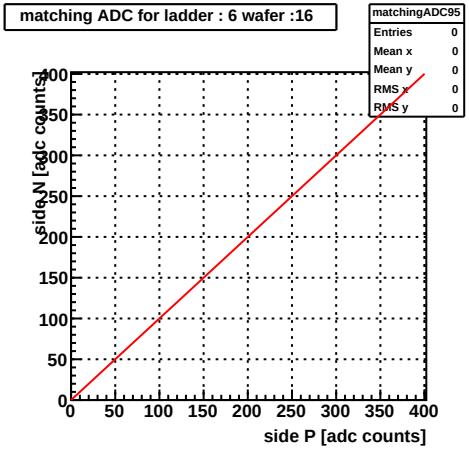

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

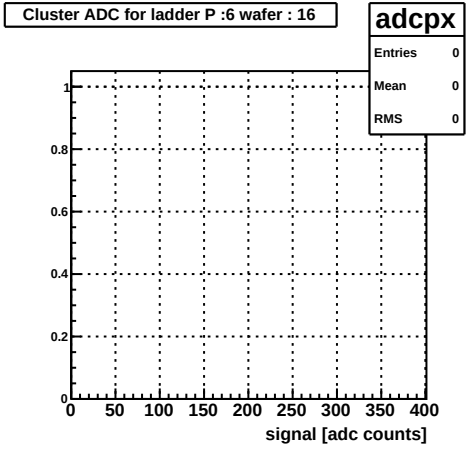

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

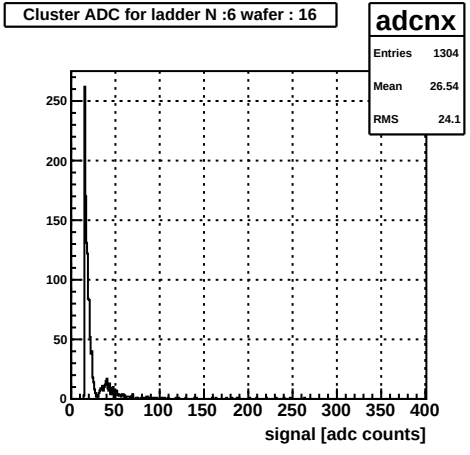

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3586
Mean 20.67
RMS 21.85
signal [adc counts]

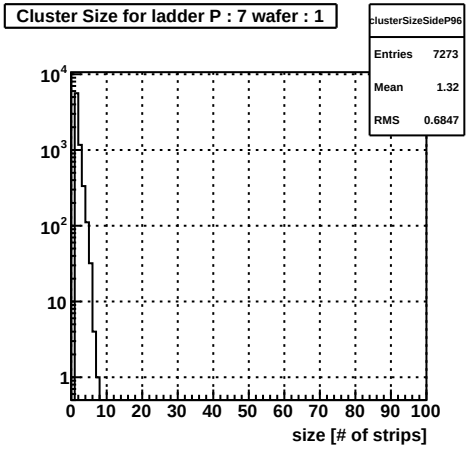

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

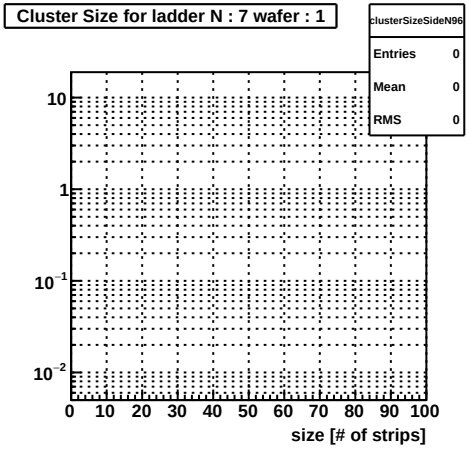

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1304
Mean 1.196
RMS 0.4411
size [# of strips]

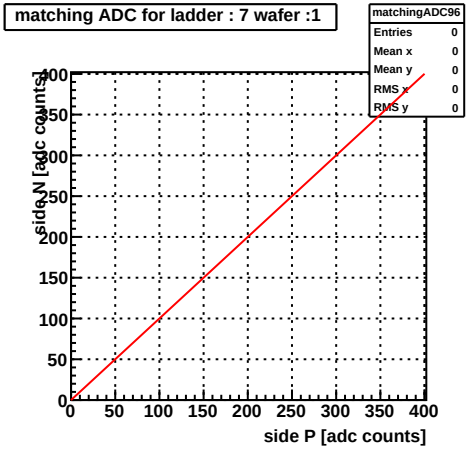

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

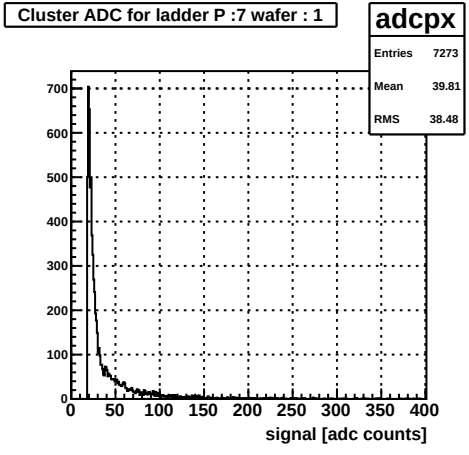

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

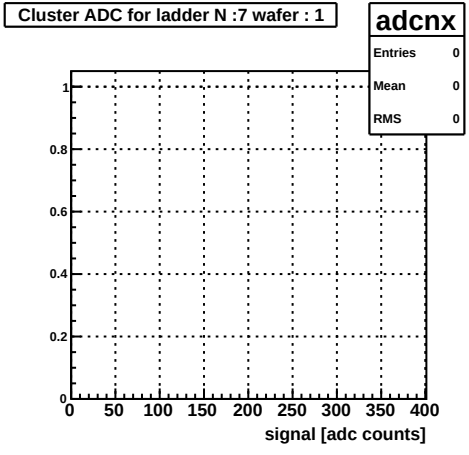

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1304
Mean 26.54
RMS 24.1
signal [adc counts]

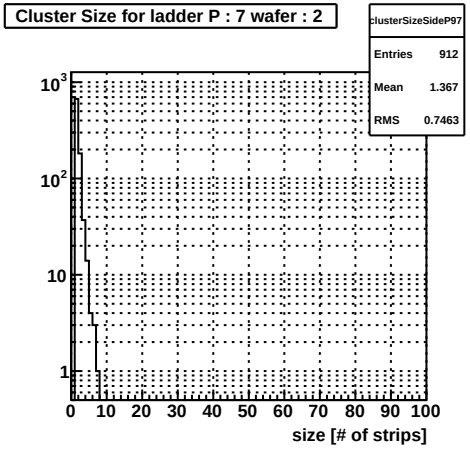

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 7273
Mean 1.32
RMS 0.6847
size [# of strips]

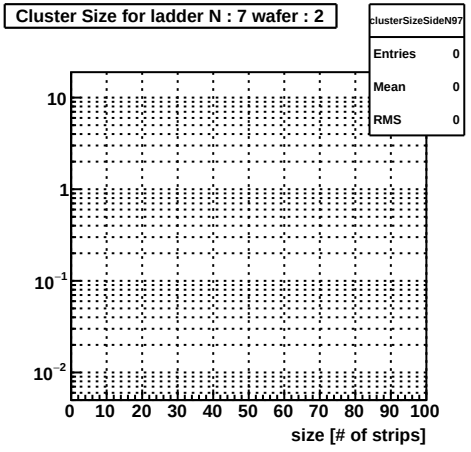

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

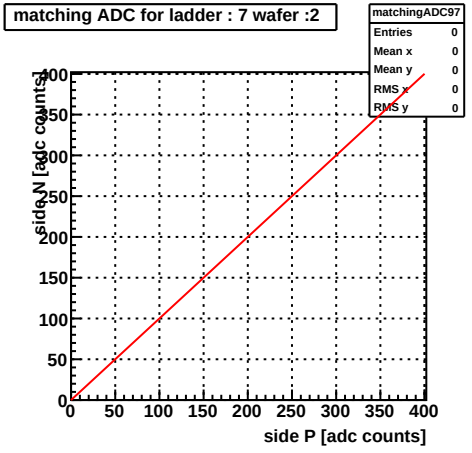

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

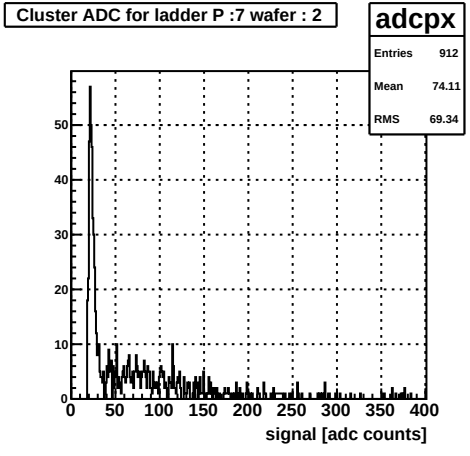

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 7273
Mean 39.81
RMS 38.48
signal [adc counts]

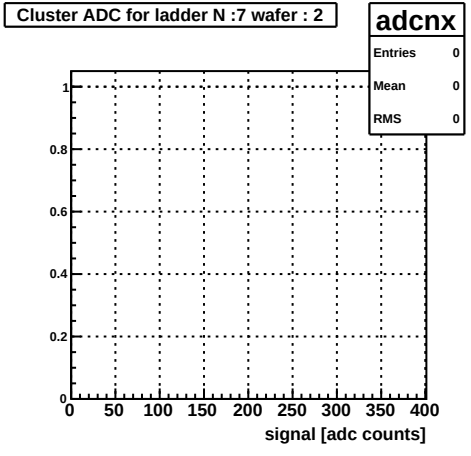

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

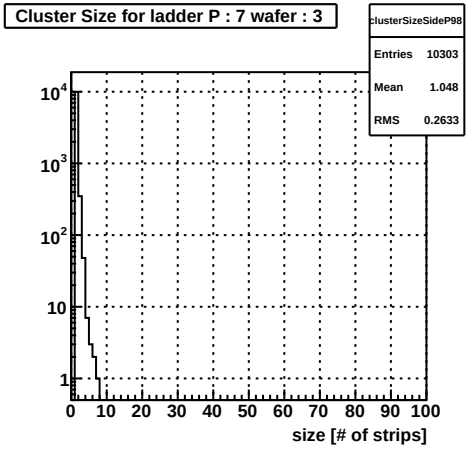

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 912
Mean 1.367
RMS 0.7463
size [# of strips]

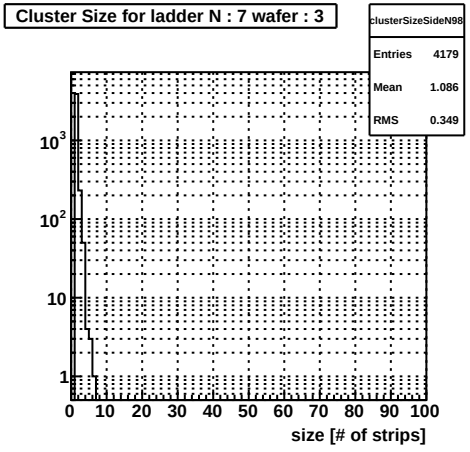

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

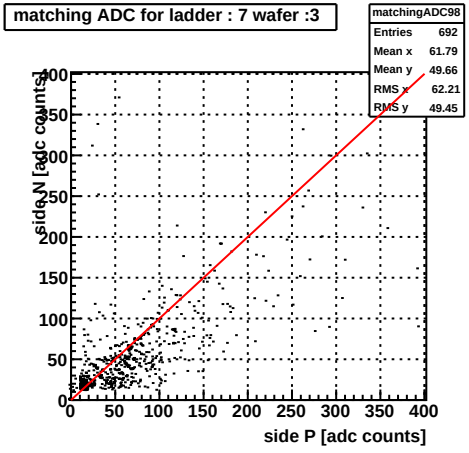

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

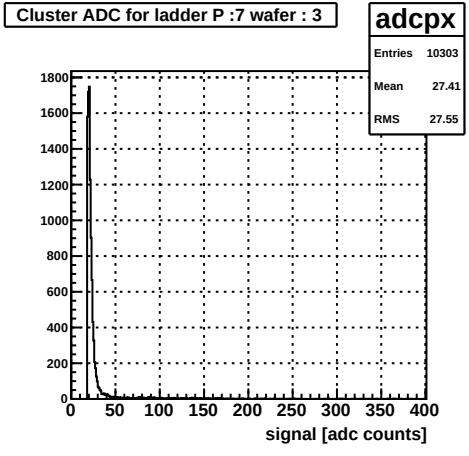

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 912
Mean 74.11
RMS 69.34
signal [adc counts]

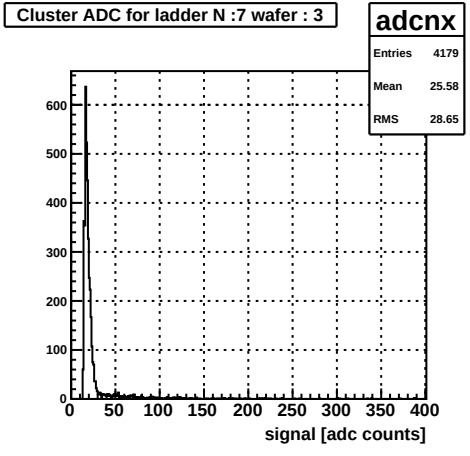

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

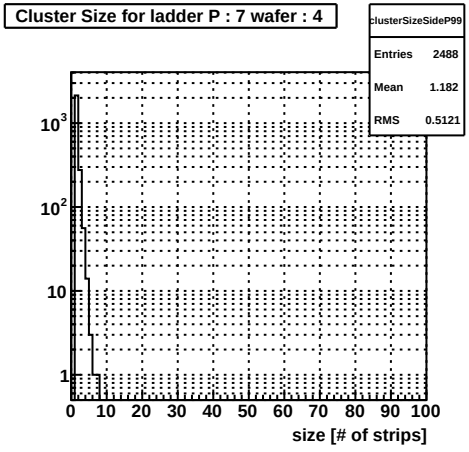

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 10303
Mean 1.048
RMS 0.2633
size [# of strips]

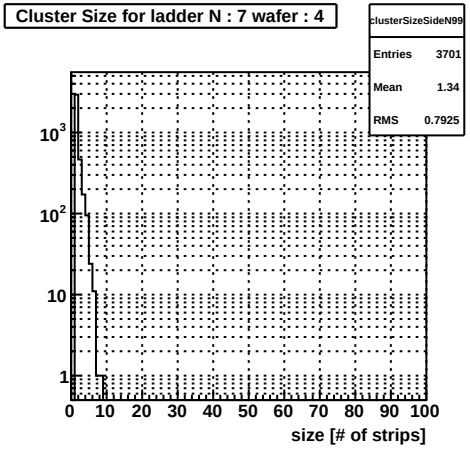

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 4179
Mean 1.086
RMS 0.349
size [# of strips]

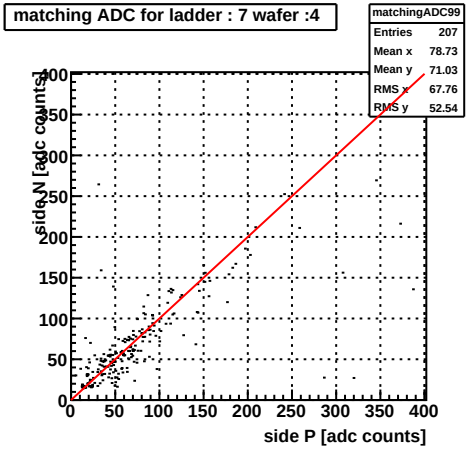

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 692
Mean x 61.79
Mean y 49.66
RMS x 62.21
RMS y 49.45
side N [adc counts]
side P [adc counts]

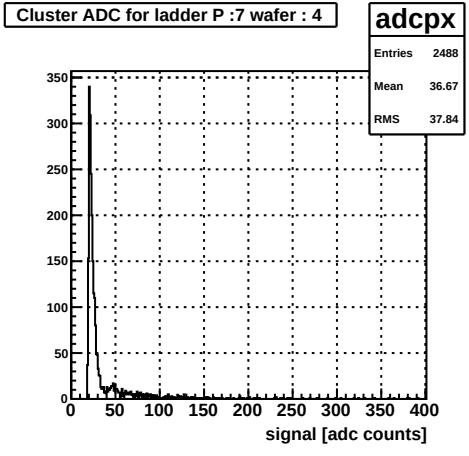

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 10303
Mean 27.41
RMS 27.55
signal [adc counts]

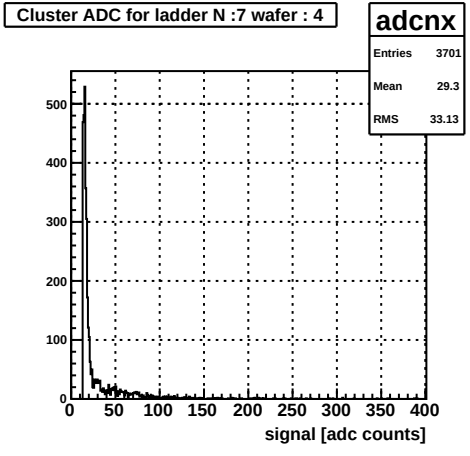

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 4179
Mean 25.58
RMS 28.65
signal [adc counts]

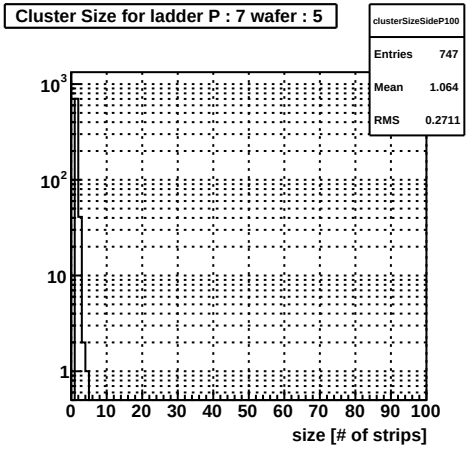

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2488
Mean 1.182
RMS 0.5121
size [# of strips]

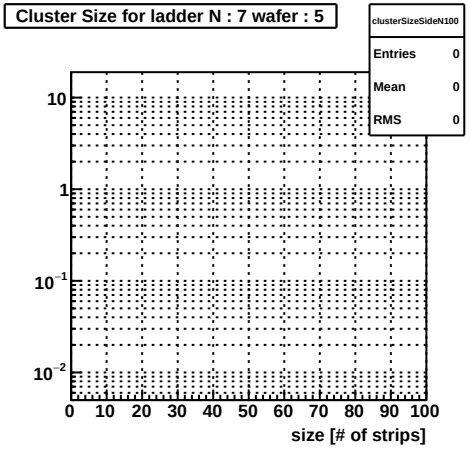

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3701
Mean 1.34
RMS 0.7925
size [# of strips]

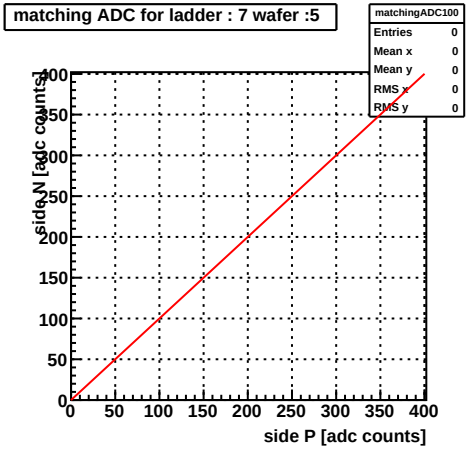

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 207
Mean x 78.73
Mean y 71.03
RMS x 67.76
RMS y 52.54
side N [adc counts]
side P [adc counts]

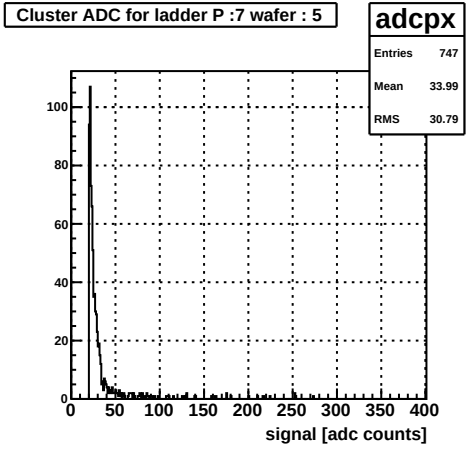

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2488
Mean 36.67
RMS 37.84
signal [adc counts]

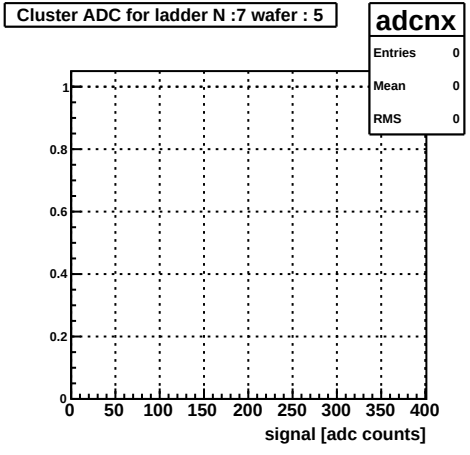

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3701
Mean 29.3
RMS 33.13
signal [adc counts]

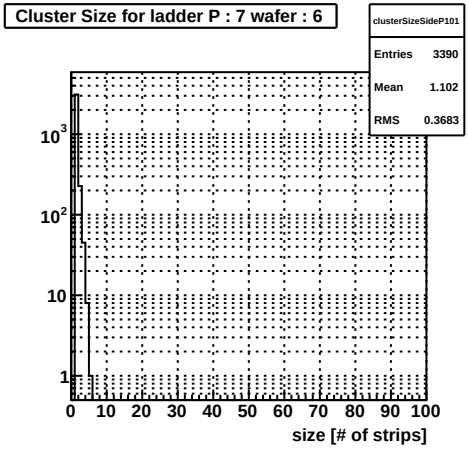

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 747
Mean 1.064
RMS 0.2711
size [# of strips]

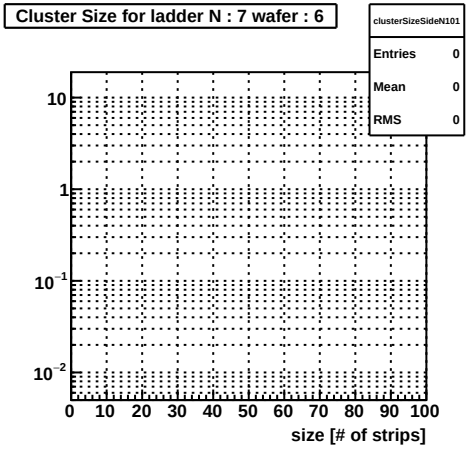

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

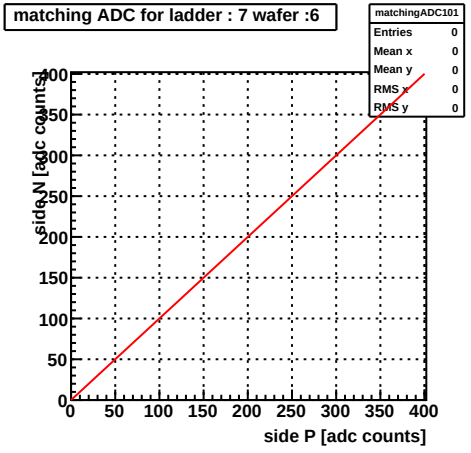

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

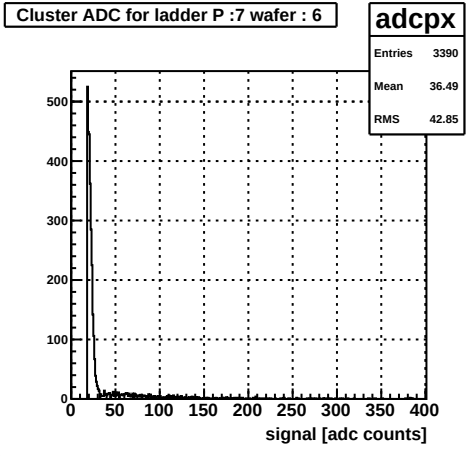

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 747
Mean 33.99
RMS 30.79
signal [adc counts]

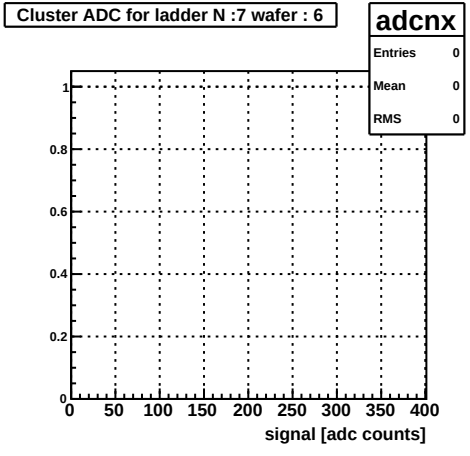

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

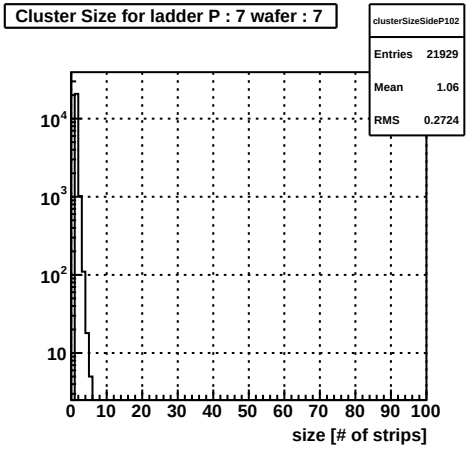

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3390
Mean 1.102
RMS 0.3683
size [# of strips]

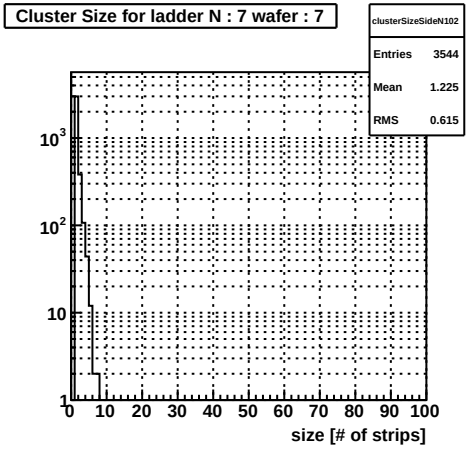

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

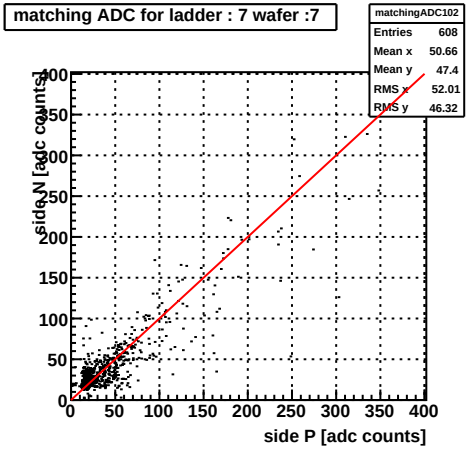

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

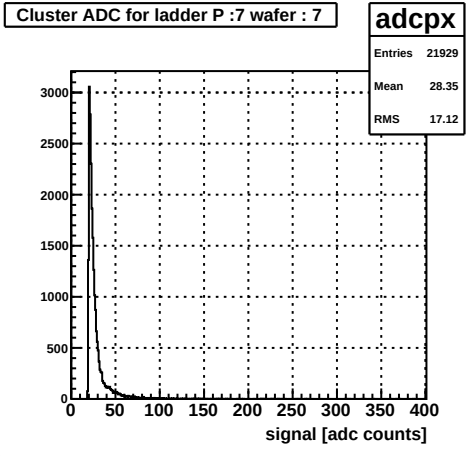

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3390
Mean 36.49
RMS 42.85
signal [adc counts]

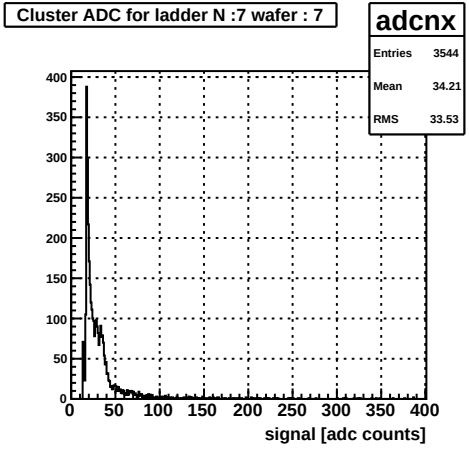

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

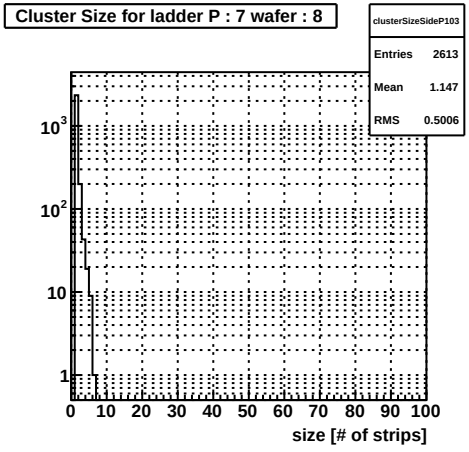

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 21929
Mean 1.06
RMS 0.2724
size [# of strips]

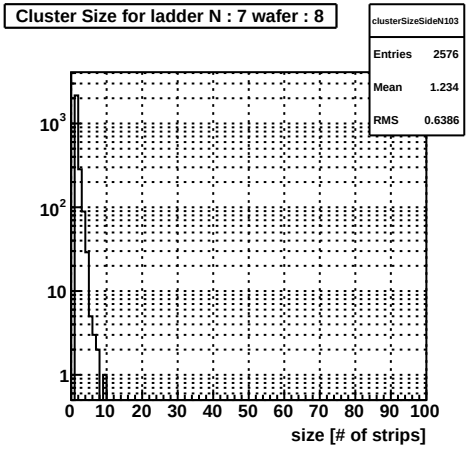

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3544
Mean 1.225
RMS 0.615
size [# of strips]

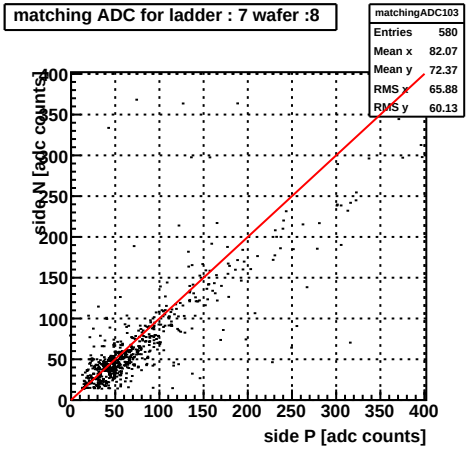

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 608
Mean x 50.66
Mean y 47.4
RMS x 52.01
RMS y 46.32
side N [adc counts]
side P [adc counts]

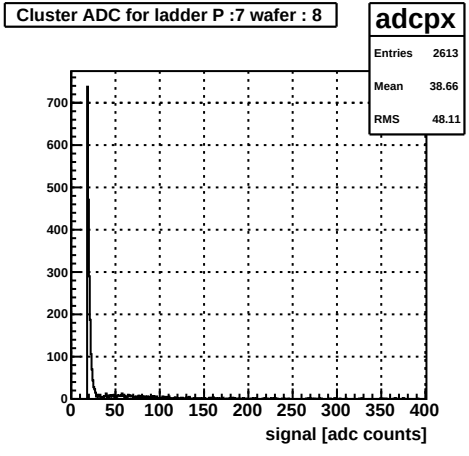

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 21929
Mean 28.35
RMS 17.12
signal [adc counts]

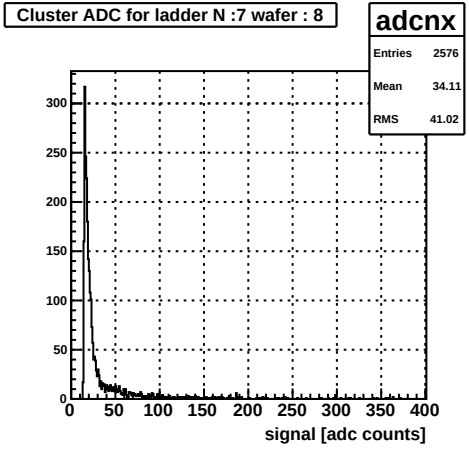

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3544
Mean 34.21
RMS 33.53
signal [adc counts]

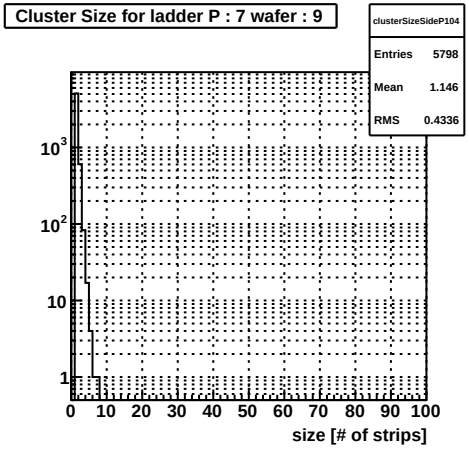

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2613
Mean 1.147
RMS 0.5006
size [# of strips]

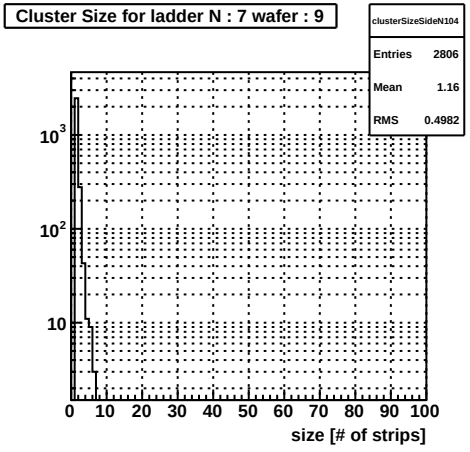

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2576
Mean 1.234
RMS 0.6386
size [# of strips]

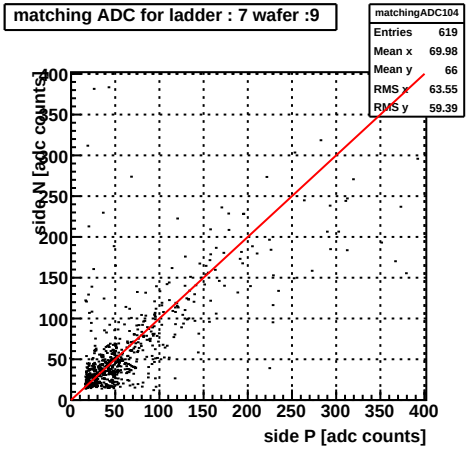

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 580
Mean x 82.07
Mean y 72.37
RMS x 65.88
RMS y 60.13
side N [adc counts]
side P [adc counts]

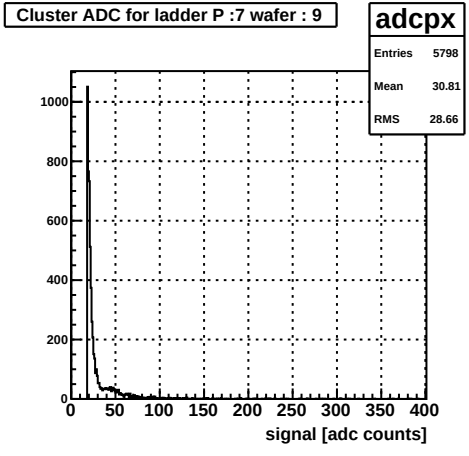

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2613
Mean 38.66
RMS 48.11
signal [adc counts]

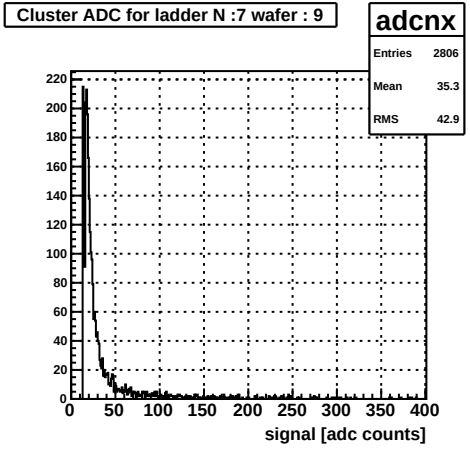

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2576
Mean 34.11
RMS 41.02
signal [adc counts]

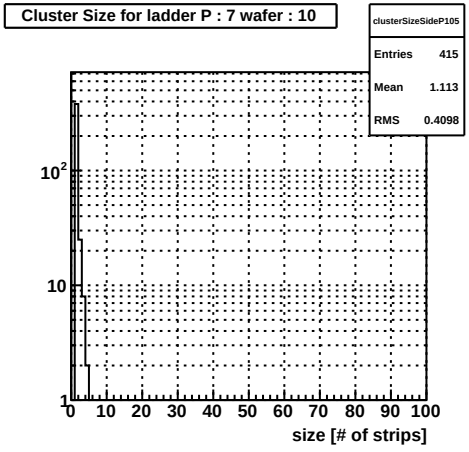

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5798
Mean 1.146
RMS 0.4336
size [# of strips]

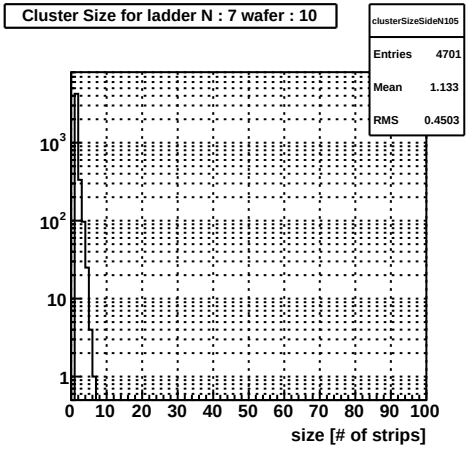

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2806
Mean 1.16
RMS 0.4982
size [# of strips]

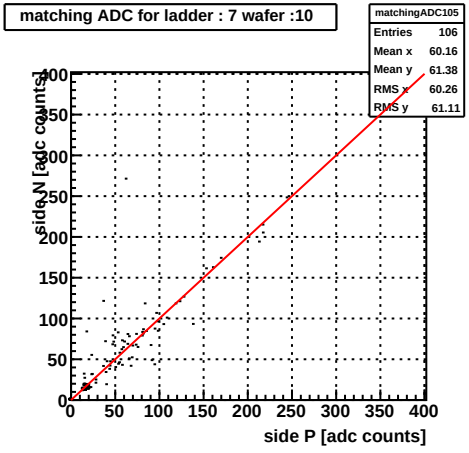

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 619
Mean x 69.98
Mean y 66
RMS x 63.55
RMS y 59.39
side N [adc counts]
side P [adc counts]

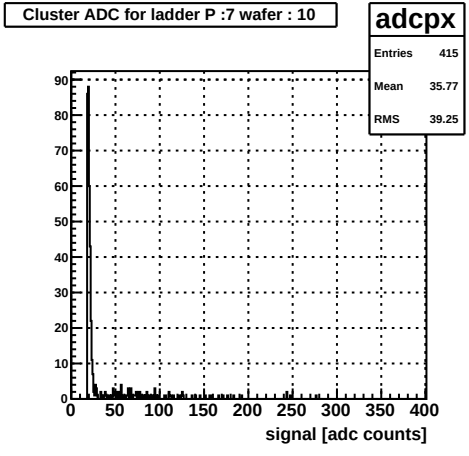

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5798
Mean 30.81
RMS 28.66
signal [adc counts]

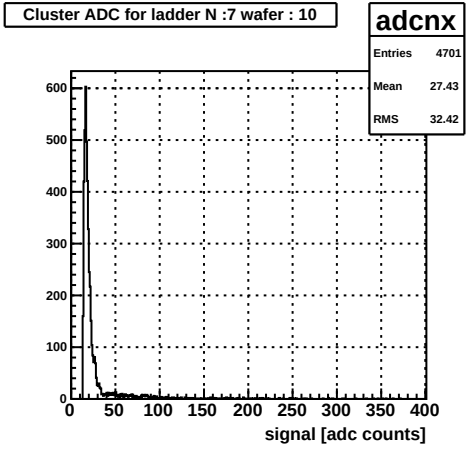

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2806
Mean 35.3
RMS 42.9
signal [adc counts]

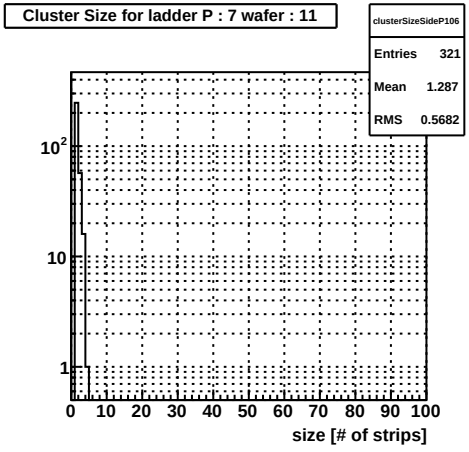

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 415
Mean 1.113
RMS 0.4098
size [# of strips]

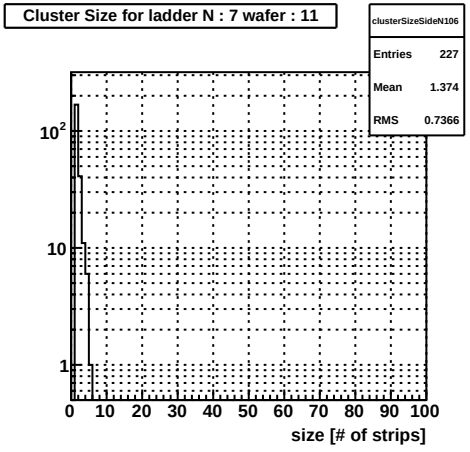

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4701
Mean 1.133
RMS 0.4503
size [# of strips]

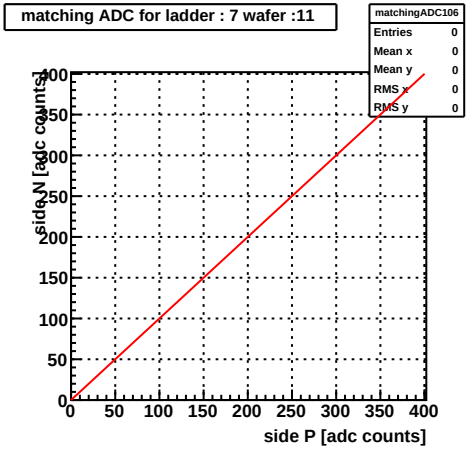

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 106
Mean x 60.16
Mean y 61.38
RMS x 60.26
RMS y 61.11
side N [adc counts]
side P [adc counts]

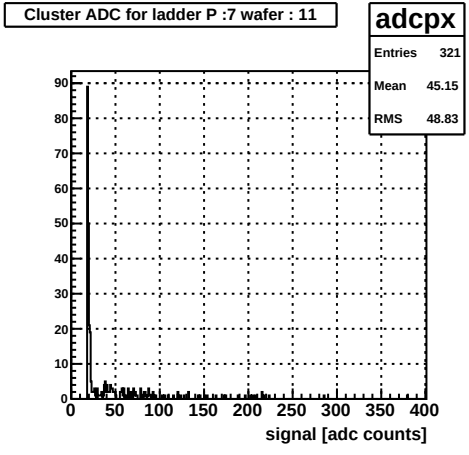

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 415
Mean 35.77
RMS 39.25
signal [adc counts]

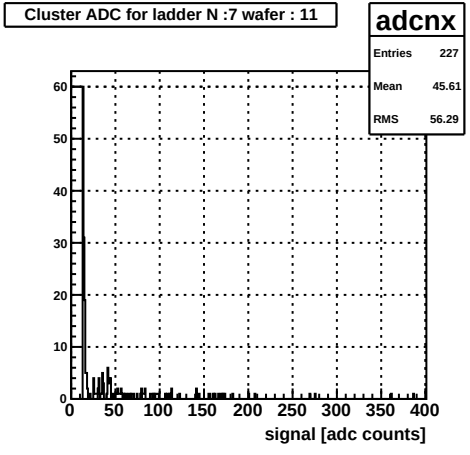

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4701
Mean 27.43
RMS 32.42
signal [adc counts]

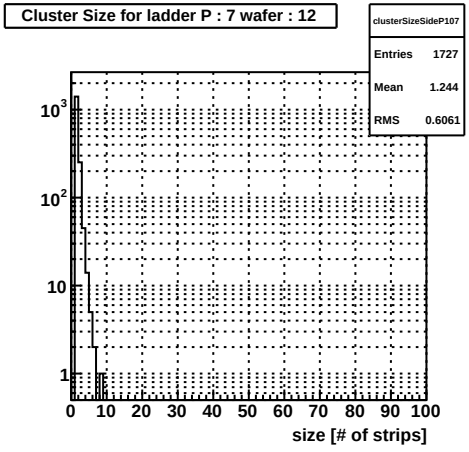

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 321
Mean 1.287
RMS 0.5682
size [# of strips]

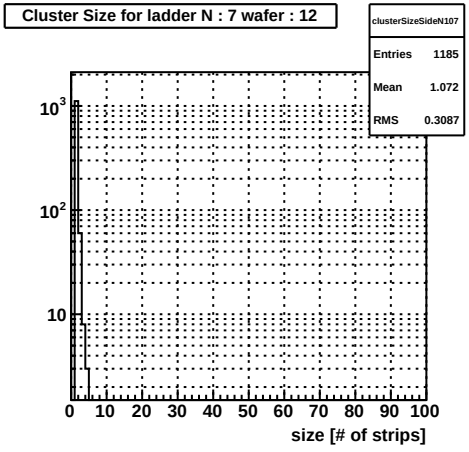

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 227
Mean 1.374
RMS 0.7366
size [# of strips]

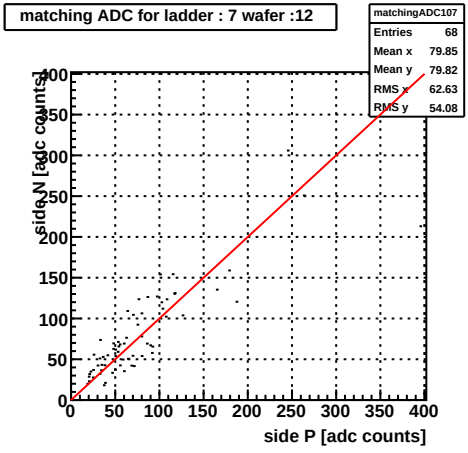

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

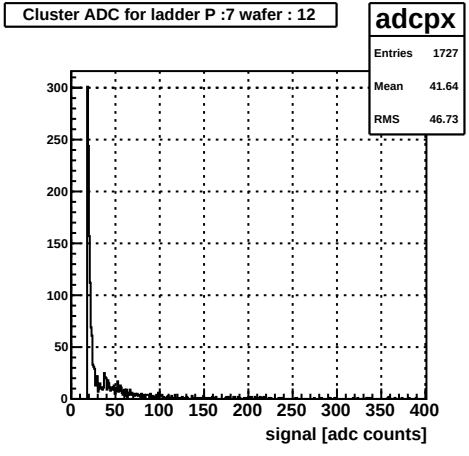

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 321
Mean 45.15
RMS 48.83
signal [adc counts]

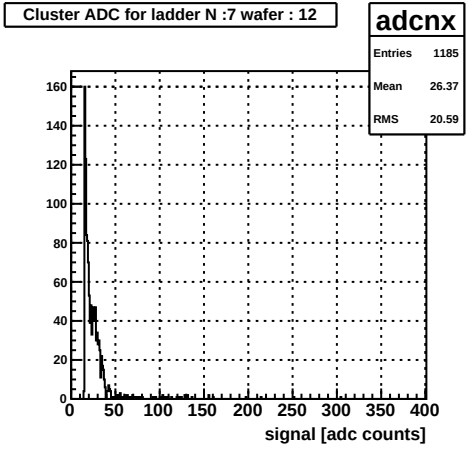

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 227
Mean 45.61
RMS 56.29
signal [adc counts]

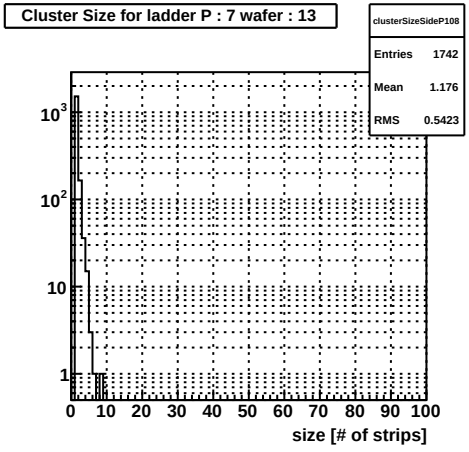

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1727
Mean 1.244
RMS 0.6061
size [# of strips]

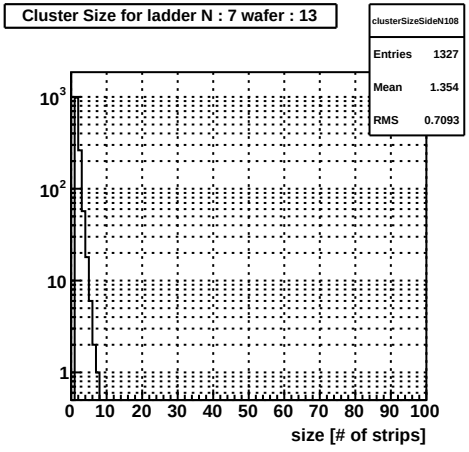

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1185
Mean 1.072
RMS 0.3087
size [# of strips]

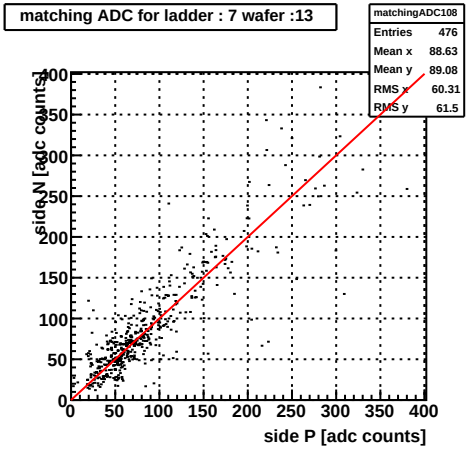

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 68
Mean x 79.85
Mean y 79.82
RMS x 62.63
RMS y 54.08
side N [adc counts]
side P [adc counts]

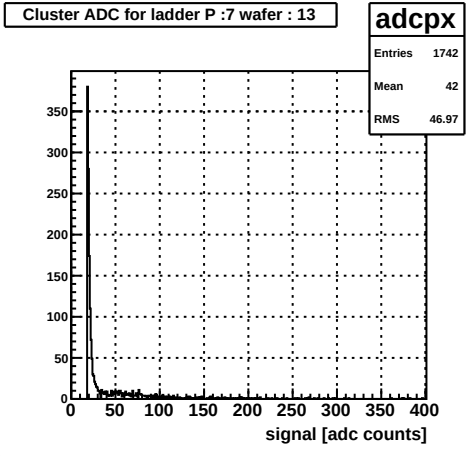

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1727
Mean 41.64
RMS 46.73
signal [adc counts]

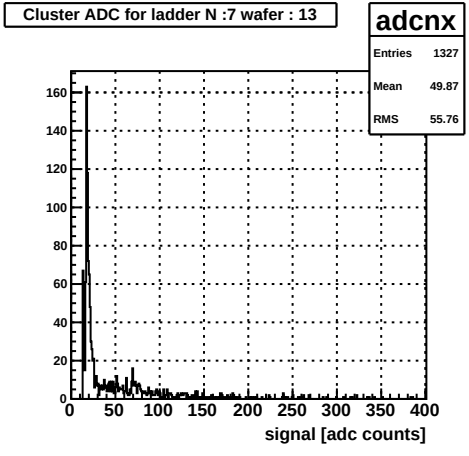

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1185
Mean 26.37
RMS 20.59
signal [adc counts]

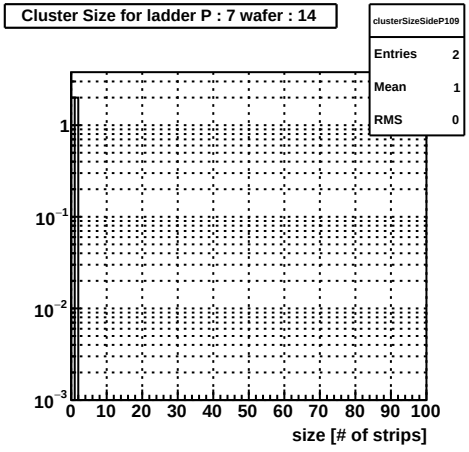

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1742
Mean 1.176
RMS 0.5423
size [# of strips]

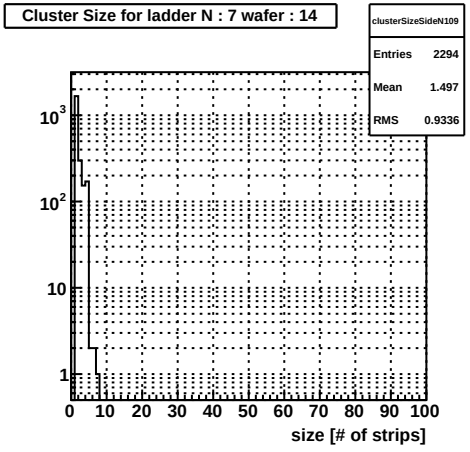

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1327
Mean 1.354
RMS 0.7093
size [# of strips]

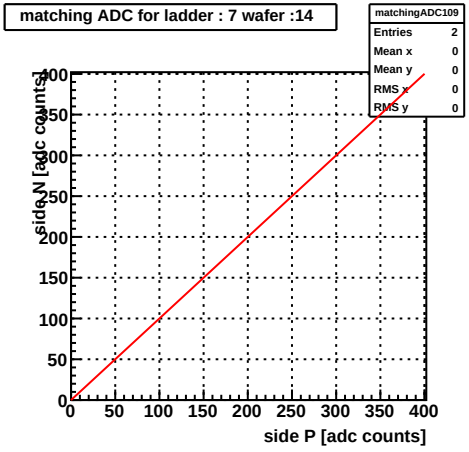

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 476
Mean x 88.63
Mean y 89.08
RMS x 60.31
RMS y 61.5
side N [adc counts]
side P [adc counts]

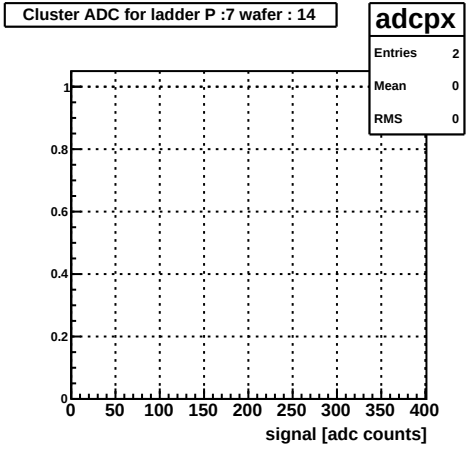

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1742
Mean 42
RMS 46.97
signal [adc counts]

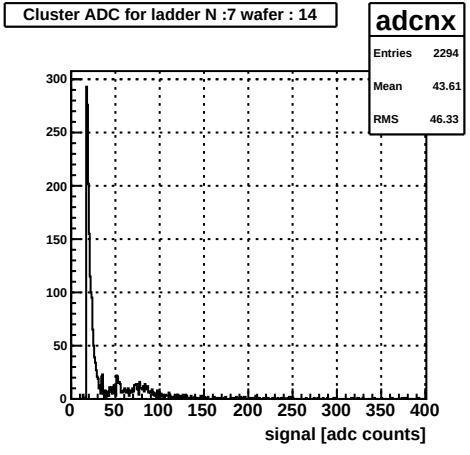

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1327
Mean 49.87
RMS 55.76
signal [adc counts]

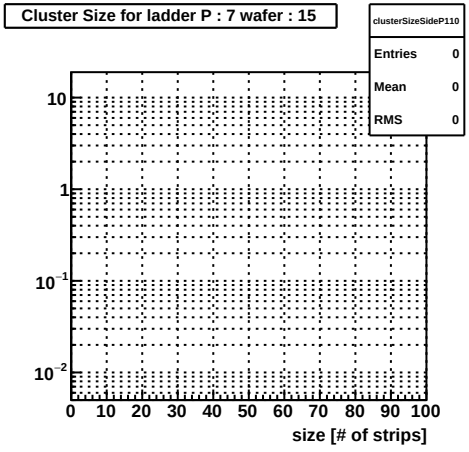

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2
Mean 1
RMS 0
size [# of strips]

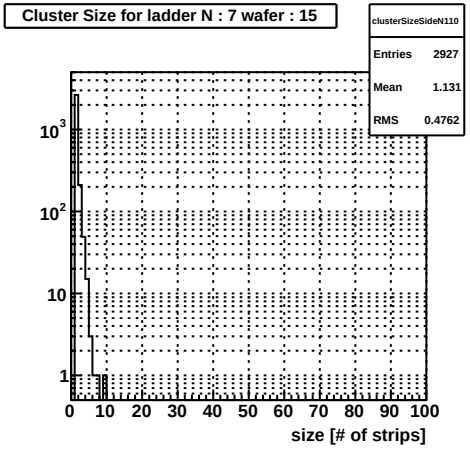

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2294
Mean 1.497
RMS 0.9336
size [# of strips]

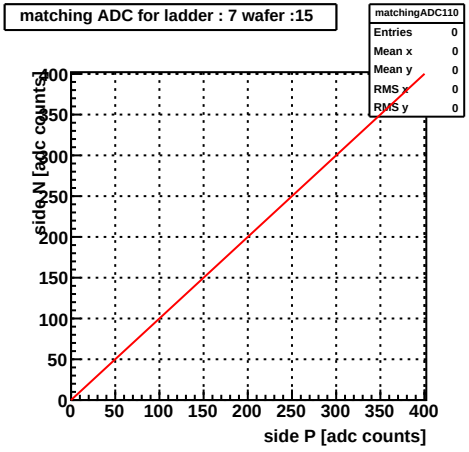

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

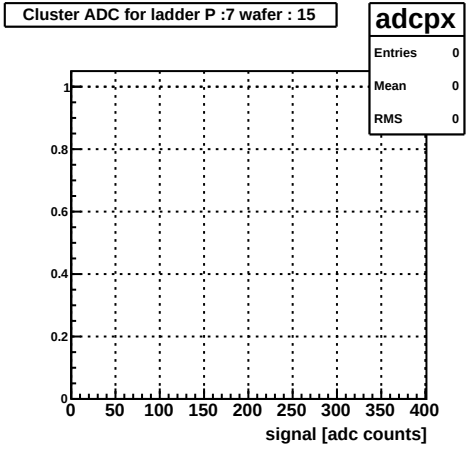

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

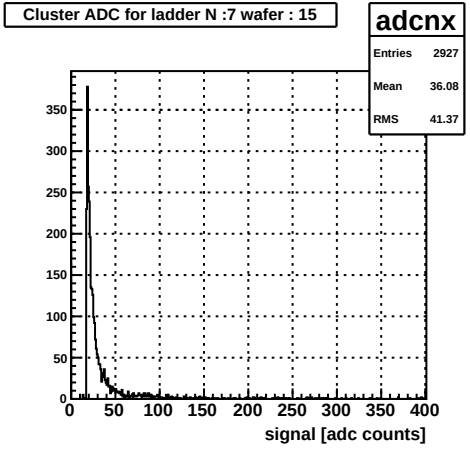

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2294
Mean 43.61
RMS 46.33
signal [adc counts]

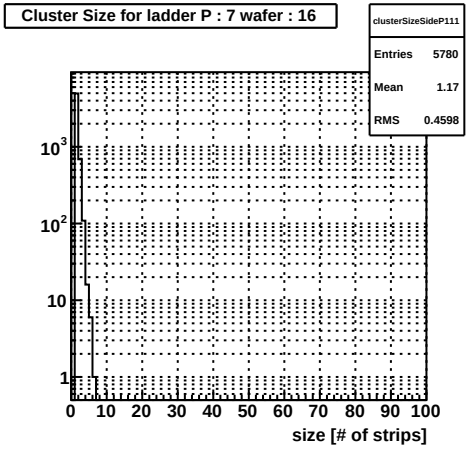

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

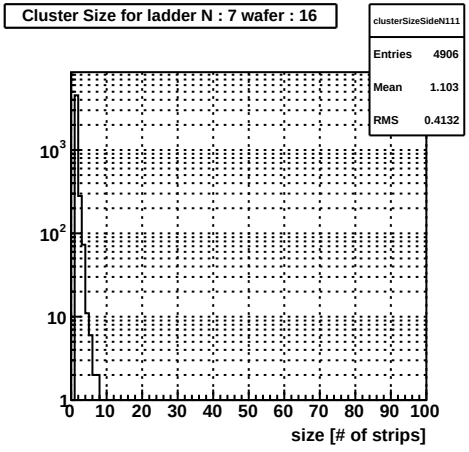

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2927
Mean 1.131
RMS 0.4762
size [# of strips]

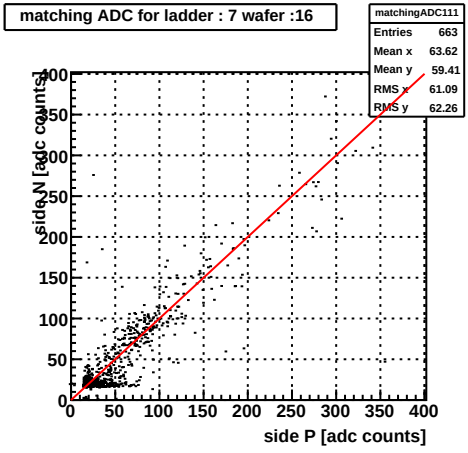

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

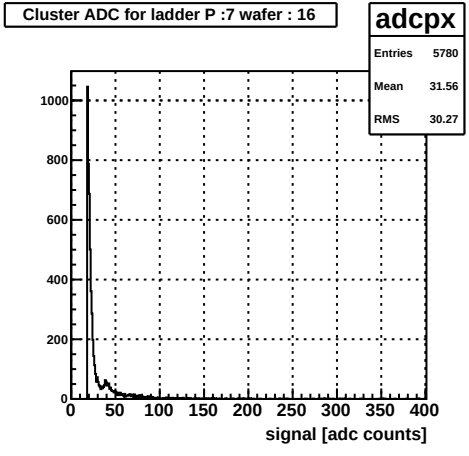

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

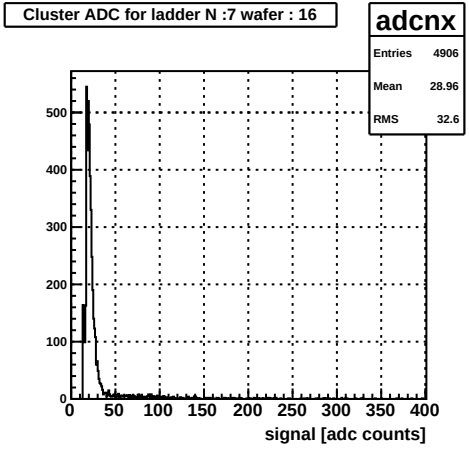

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2927
Mean 36.08
RMS 41.37
signal [adc counts]

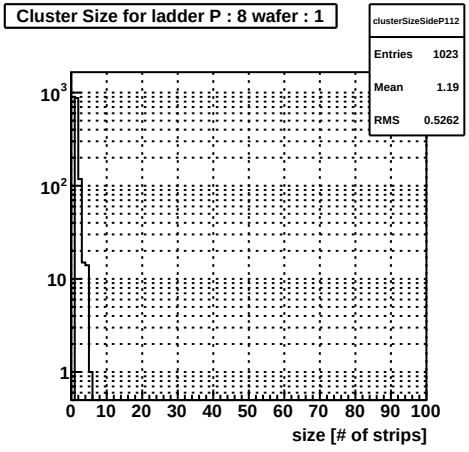

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5780
Mean 1.17
RMS 0.4598
size [# of strips]

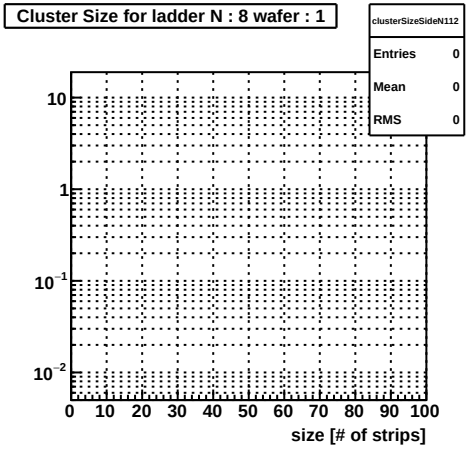

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 4906
Mean 1.103
RMS 0.4132
size [# of strips]

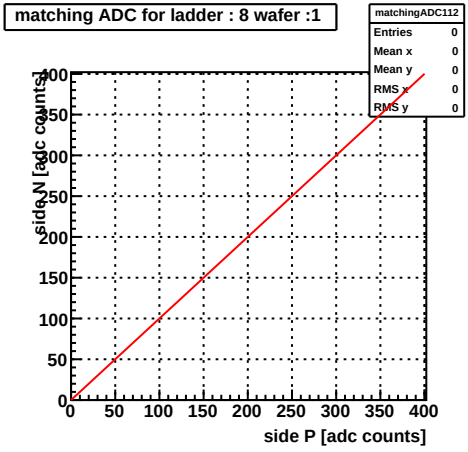

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 663
Mean x 63.62
Mean y 59.41
RMS x 61.09
RMS y 62.26
side N [adc counts]
side P [adc counts]

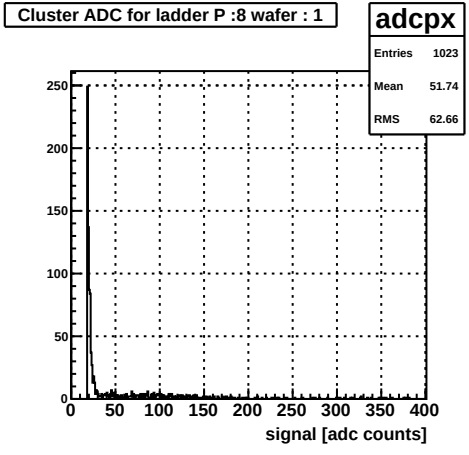

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5780
Mean 31.56
RMS 30.27
signal [adc counts]

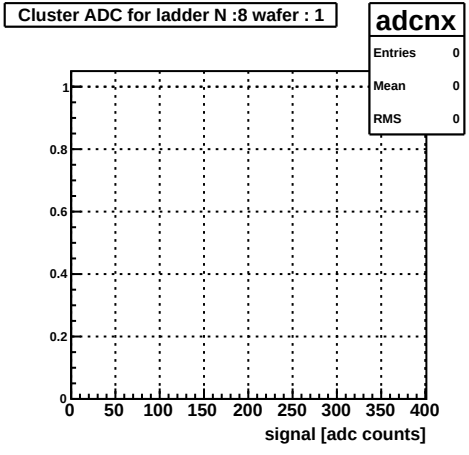

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 4906
Mean 28.96
RMS 32.6
signal [adc counts]

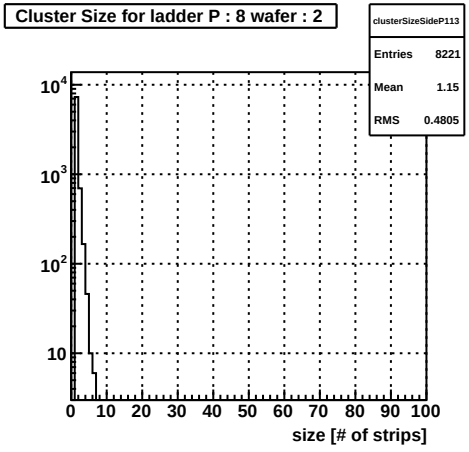

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1023
Mean 1.19
RMS 0.5262
size [# of strips]

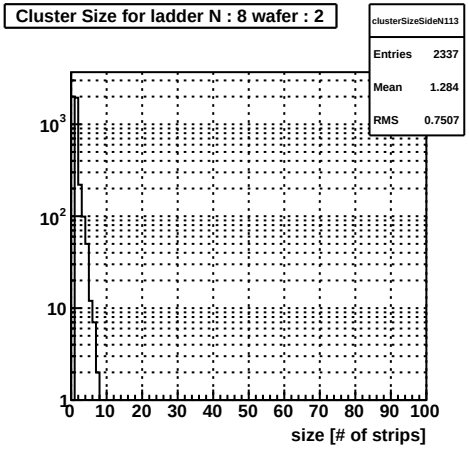

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

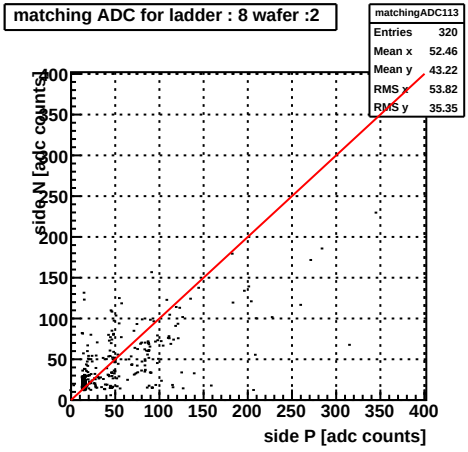

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

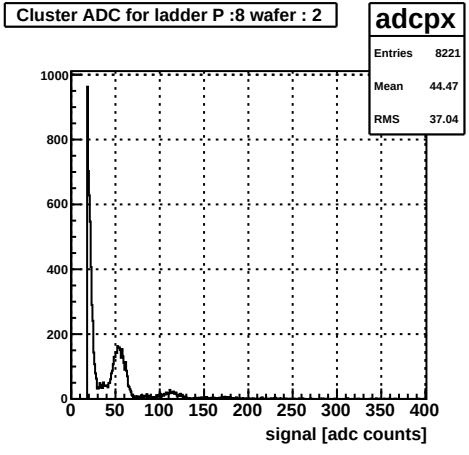

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1023
Mean 51.74
RMS 62.66
signal [adc counts]

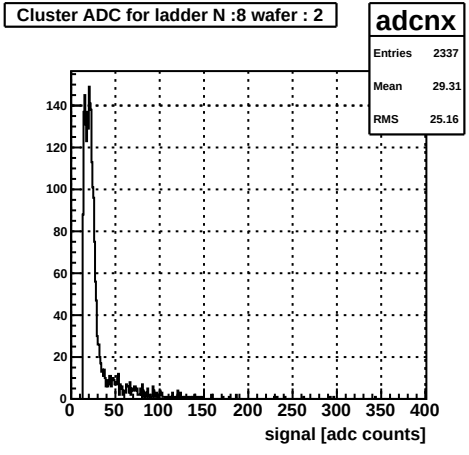

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

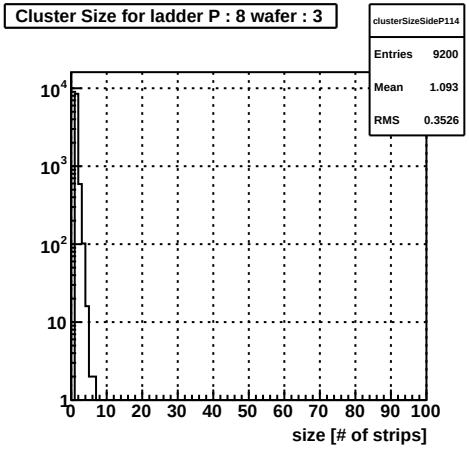

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8221
Mean 1.15
RMS 0.4805
size [# of strips]

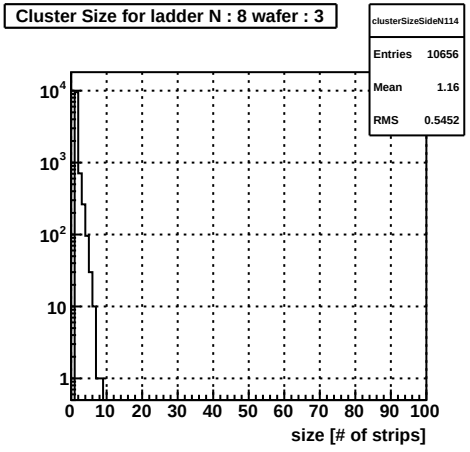

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2337
Mean 1.284
RMS 0.7507
size [# of strips]

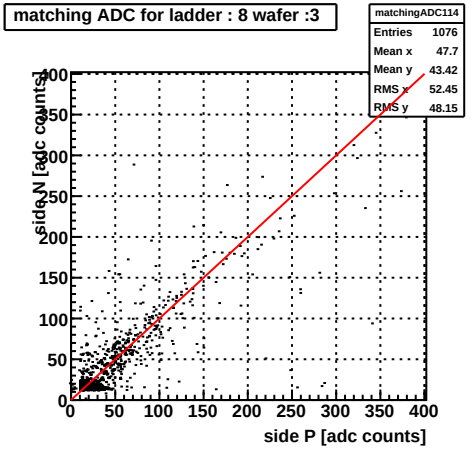

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 320
Mean x 52.46
Mean y 43.22
RMS x 53.82
RMS y 35.35
side N [adc counts]
side P [adc counts]

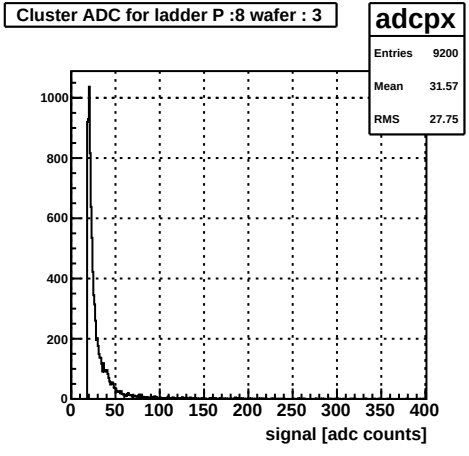

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8221
Mean 44.47
RMS 37.04
signal [adc counts]

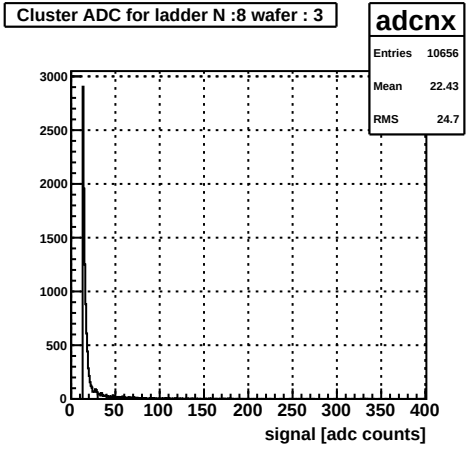

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2337
Mean 29.31
RMS 25.16
signal [adc counts]

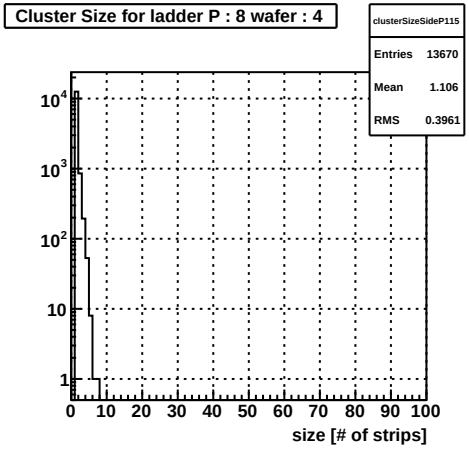

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 9200
Mean 1.093
RMS 0.3526
size [# of strips]

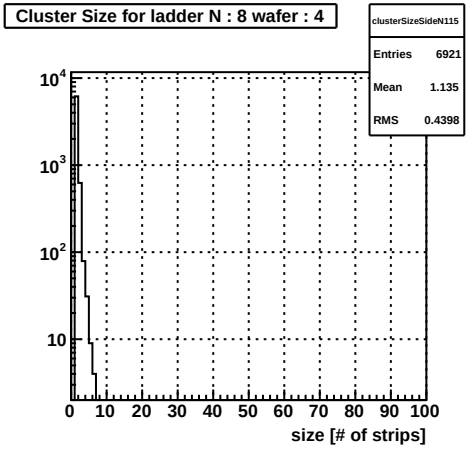

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10656
Mean 1.16
RMS 0.5452
size [# of strips]

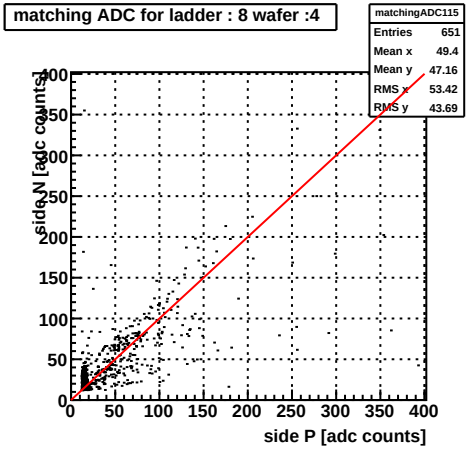

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1076
Mean x 47.7
Mean y 43.42
RMS x 52.45
RMS y 48.15
side N [adc counts]
side P [adc counts]

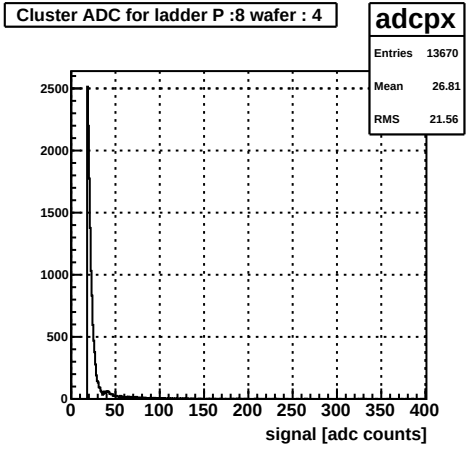

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 9200
Mean 31.57
RMS 27.75
signal [adc counts]

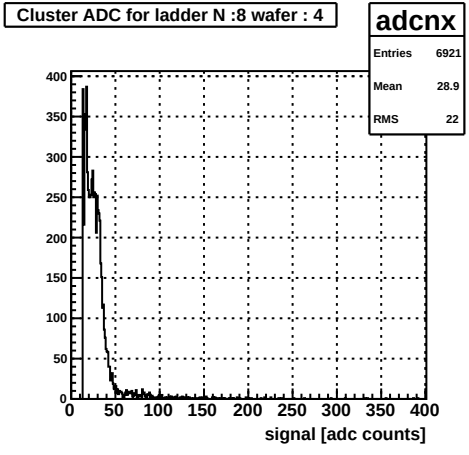

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10656
Mean 22.43
RMS 24.7
signal [adc counts]

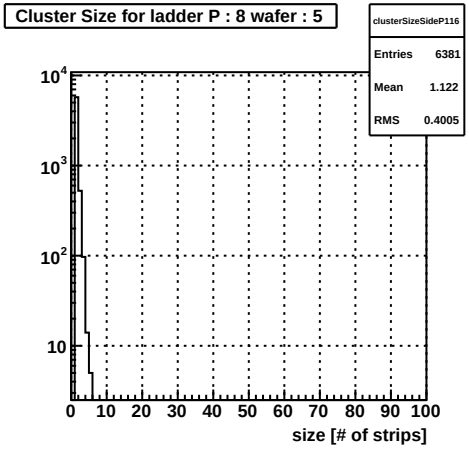

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13670
Mean 1.106
RMS 0.3961
size [# of strips]

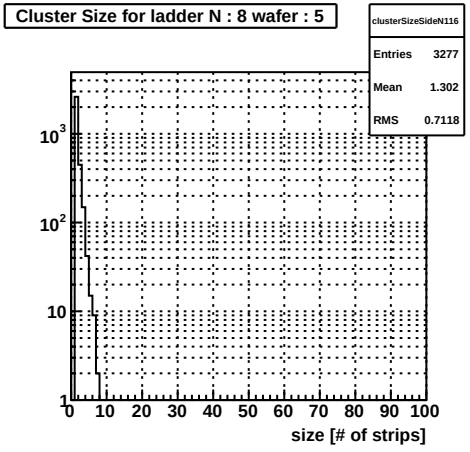

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 6921
Mean 1.135
RMS 0.4398
size [# of strips]

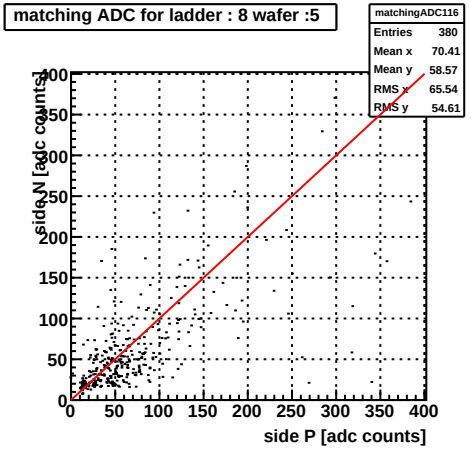

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 651
Mean x 49.4
Mean y 47.16
RMS x 53.42
RMS y 43.69
side N [adc counts]
side P [adc counts]

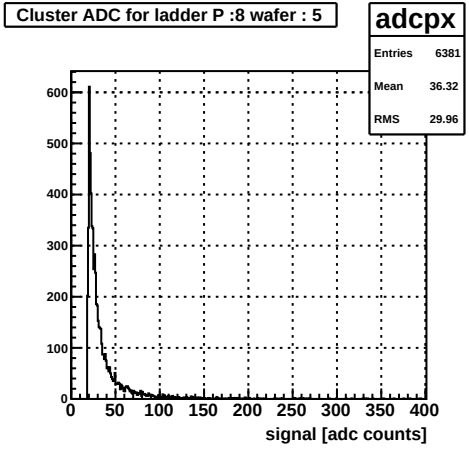

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13670
Mean 26.81
RMS 21.56
signal [adc counts]

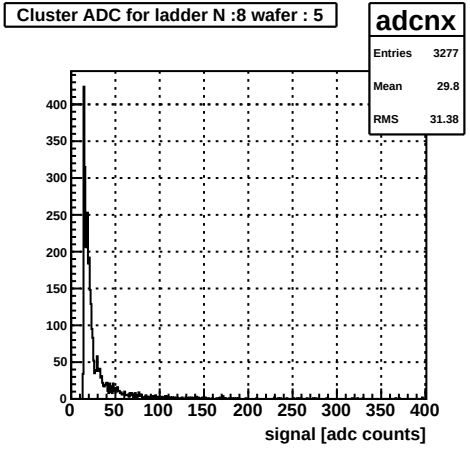

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 6921
Mean 28.9
RMS 22
signal [adc counts]

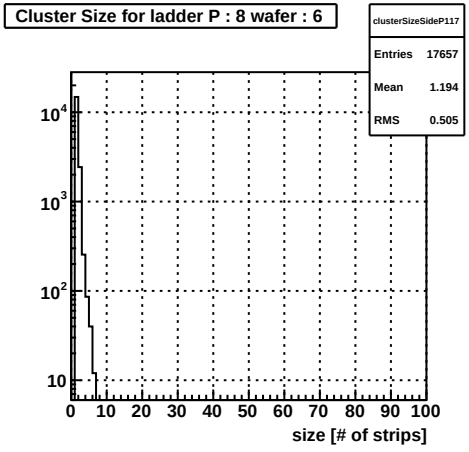

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6381
Mean 1.122
RMS 0.4005
size [# of strips]

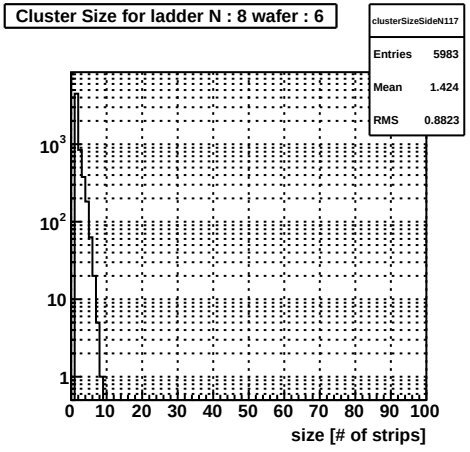

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3277
Mean 1.302
RMS 0.7118
size [# of strips]

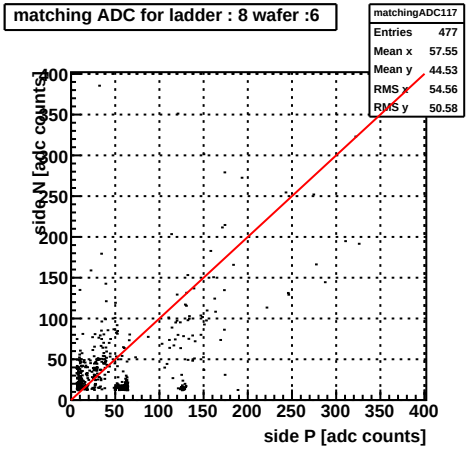

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 380
Mean x 70.41
Mean y 58.57
RMS x 65.54
RMS y 54.61
side N [adc counts]
side P [adc counts]

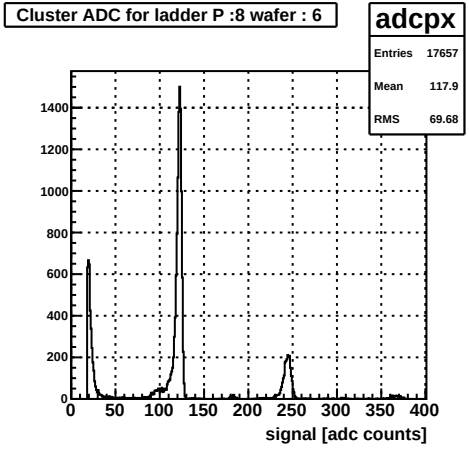

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6381
Mean 36.32
RMS 29.96
signal [adc counts]

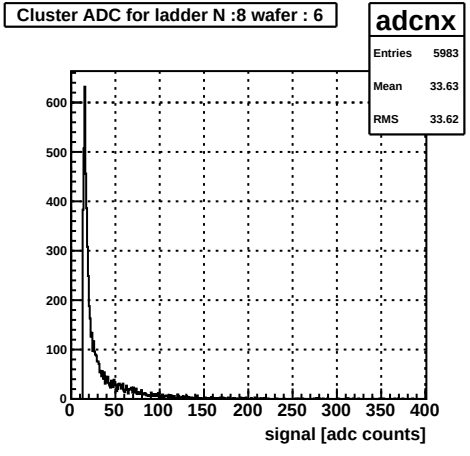

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3277
Mean 29.8
RMS 31.38
signal [adc counts]

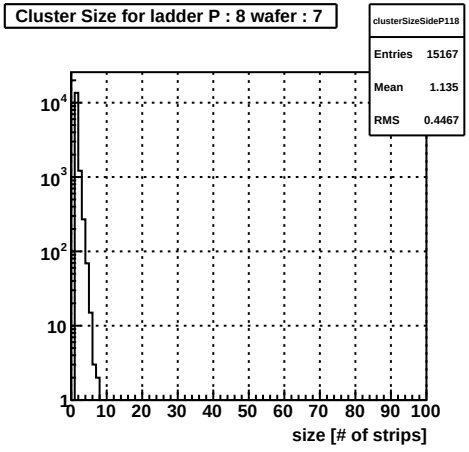

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17657
Mean 1.194
RMS 0.505
size [# of strips]

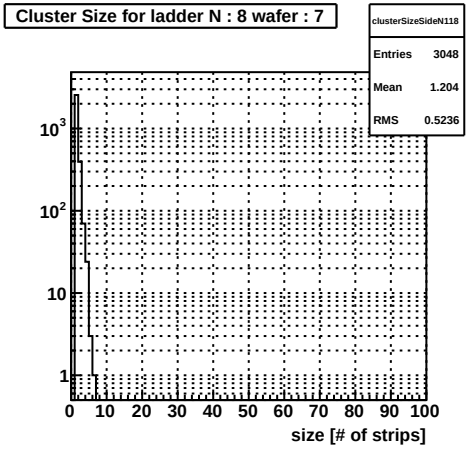

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5983
Mean 1.424
RMS 0.8823
size [# of strips]

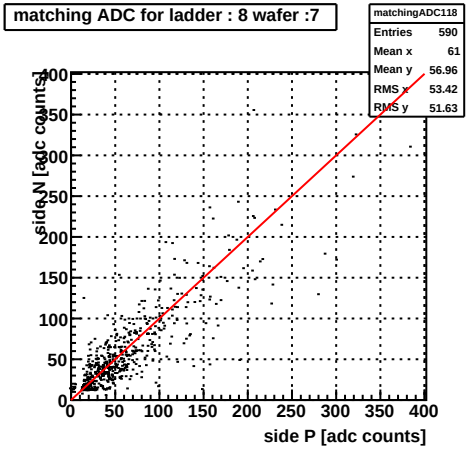

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 477
Mean x 57.55
Mean y 44.53
RMS x 54.56
RMS y 50.58
side N [adc counts]
side P [adc counts]

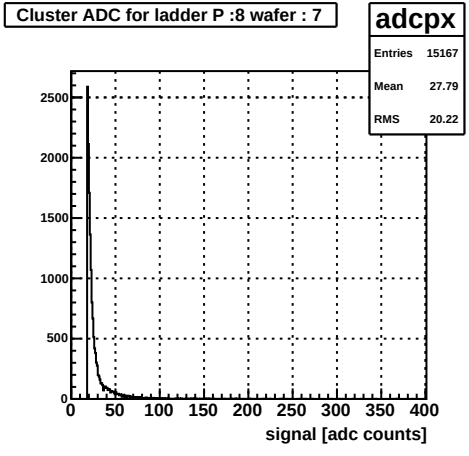

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17657
Mean 117.9
RMS 69.68
signal [adc counts]

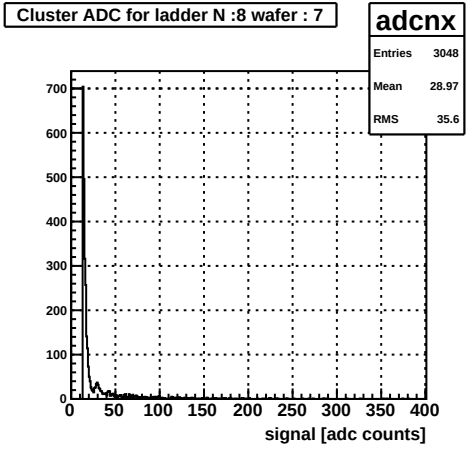

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5983
Mean 33.63
RMS 33.62
signal [adc counts]

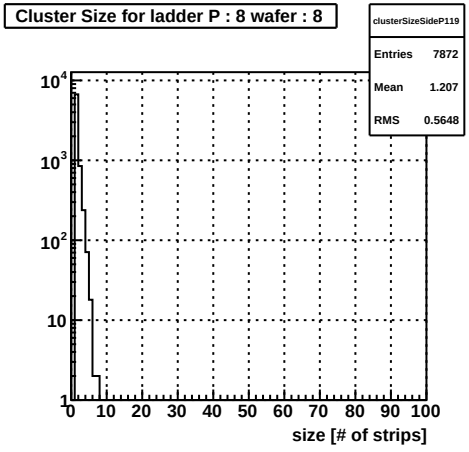

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15167
Mean 1.135
RMS 0.4467
size [# of strips]

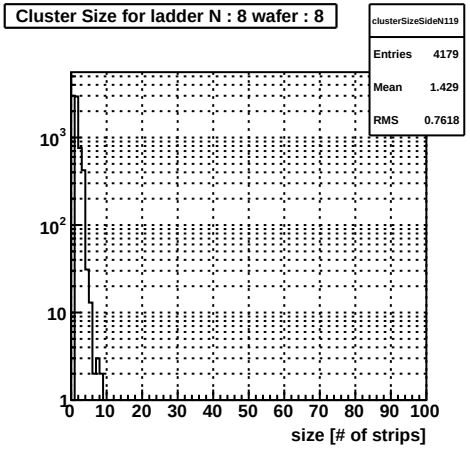

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3048
Mean 1.204
RMS 0.5236
size [# of strips]

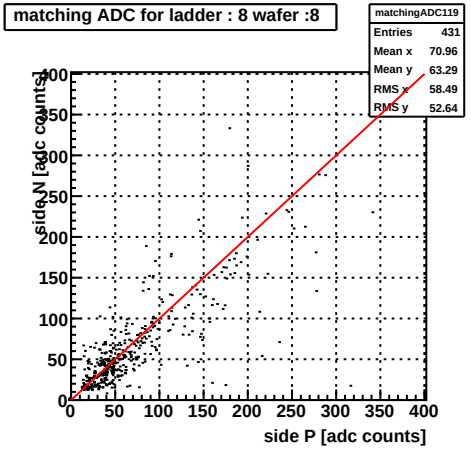

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 590
Mean x 61
Mean y 56.96
RMS x 53.42
RMS y 51.63
side N [adc counts]
side P [adc counts]

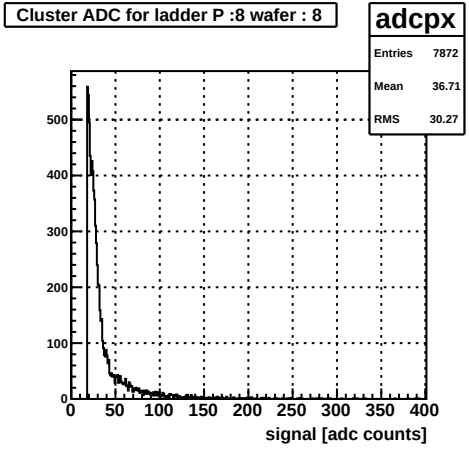

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15167
Mean 27.79
RMS 20.22
signal [adc counts]

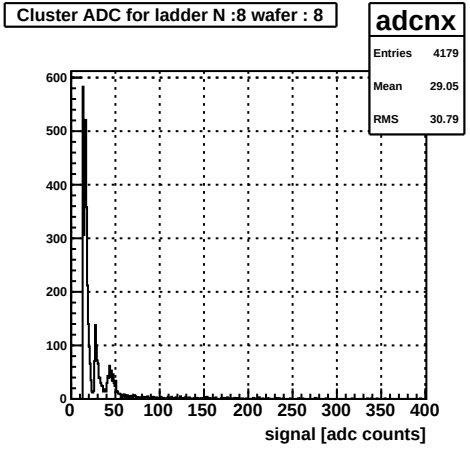

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3048
Mean 28.97
RMS 35.6
signal [adc counts]

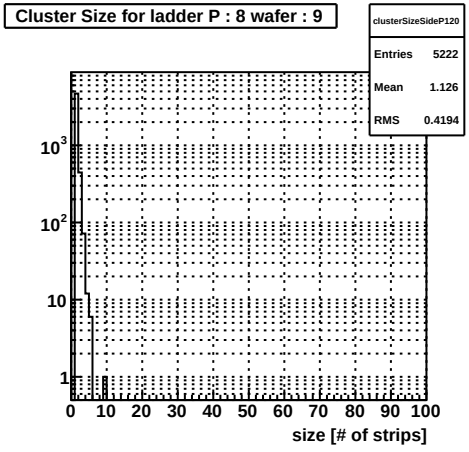

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7872
Mean 1.207
RMS 0.5648
size [# of strips]

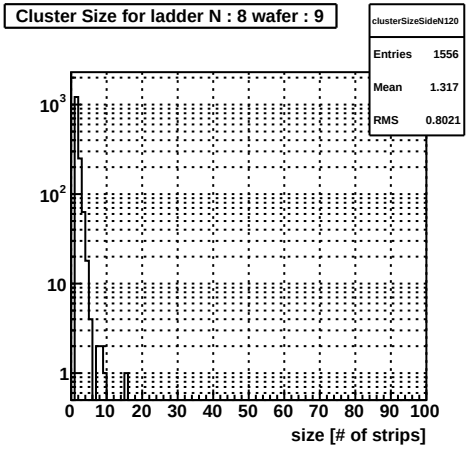

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 4179
Mean 1.429
RMS 0.7618
size [# of strips]

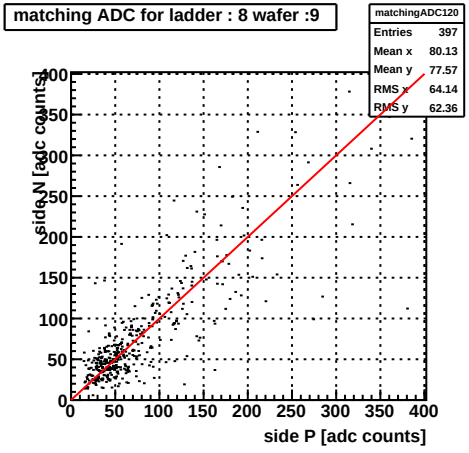

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 431
Mean x 70.96
Mean y 63.29
RMS x 58.49
RMS y 52.64
side N [adc counts]
side P [adc counts]

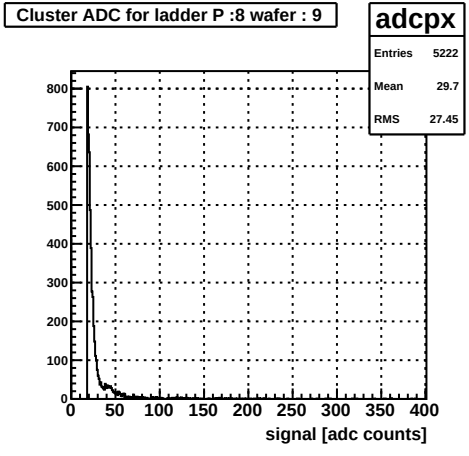

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7872
Mean 36.71
RMS 30.27
signal [adc counts]

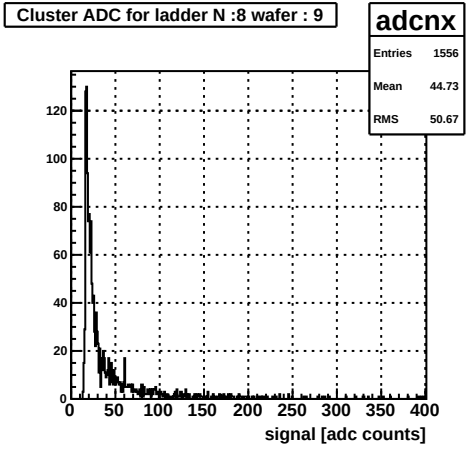

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 4179
Mean 29.05
RMS 30.79
signal [adc counts]

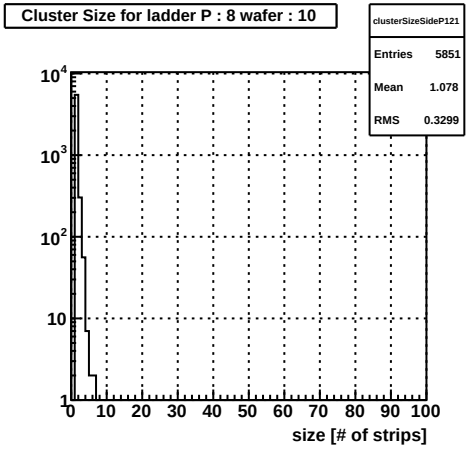

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5222
Mean 1.126
RMS 0.4194
size [# of strips]

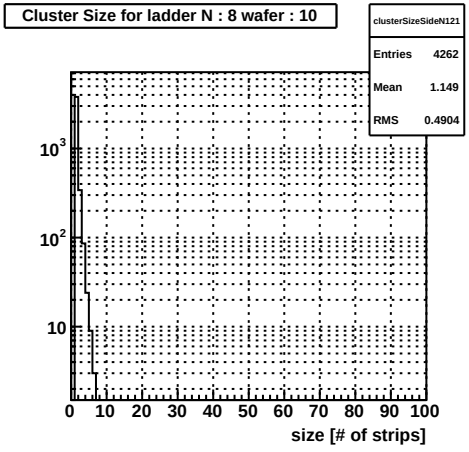

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1556
Mean 1.317
RMS 0.8021
size [# of strips]

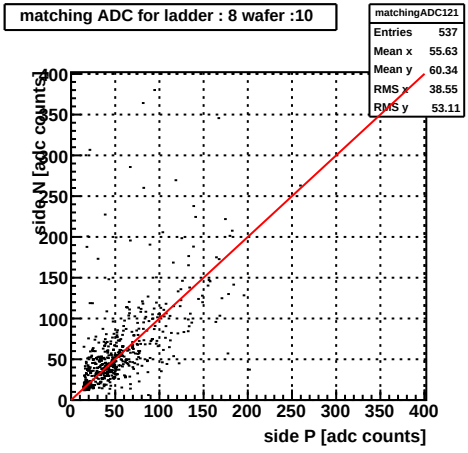

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 397
Mean x 80.13
Mean y 77.57
RMS x 64.14
RMS y 62.36
side N [adc counts]
side P [adc counts]

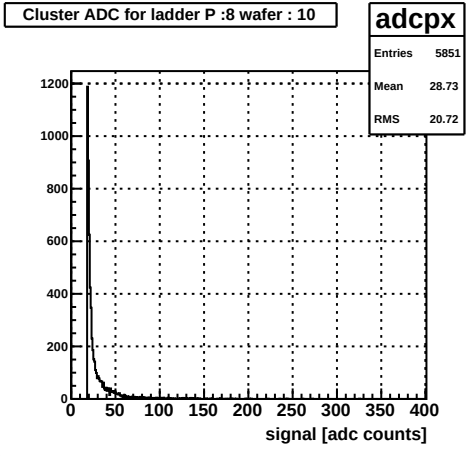

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5222
Mean 29.7
RMS 27.45
signal [adc counts]

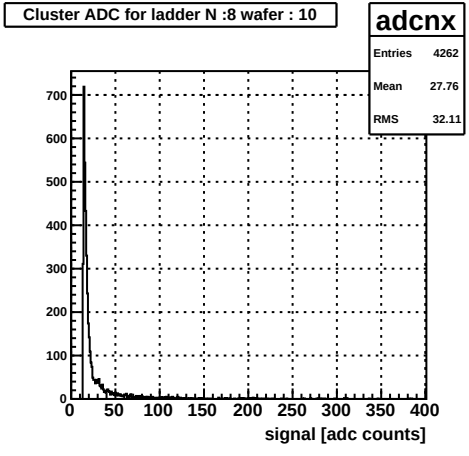

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1556
Mean 44.73
RMS 50.67
signal [adc counts]

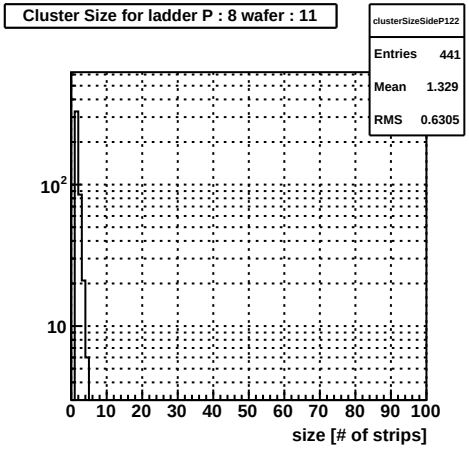

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5851
Mean 1.078
RMS 0.3299
size [# of strips]

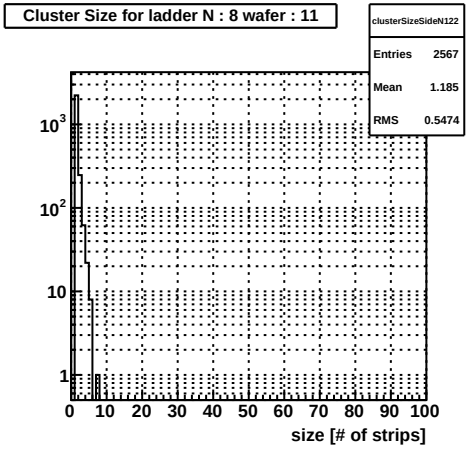

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4262
Mean 1.149
RMS 0.4904
size [# of strips]

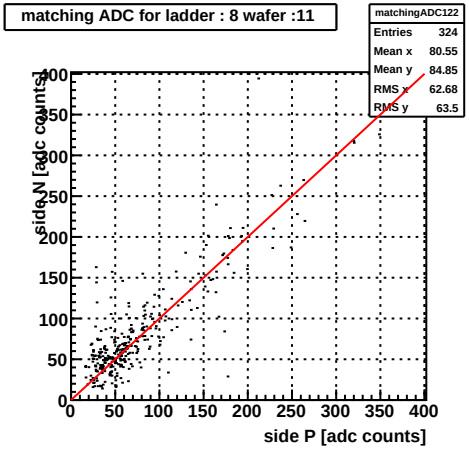

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 537
Mean x 55.63
Mean y 60.34
RMS x 38.55
RMS y 53.11
side N [adc counts]
side P [adc counts]

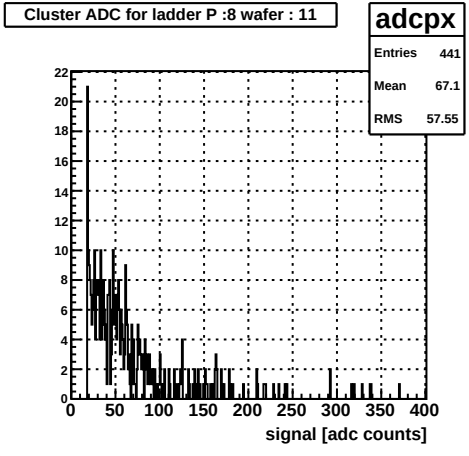

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5851
Mean 28.73
RMS 20.72
signal [adc counts]

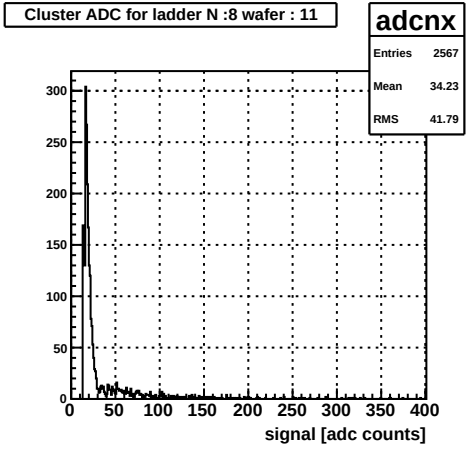

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4262
Mean 27.76
RMS 32.11
signal [adc counts]

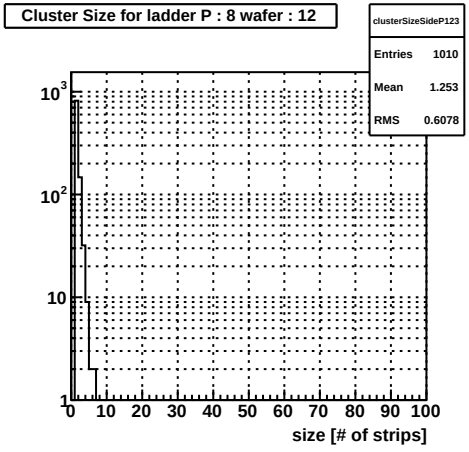

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 441
Mean 1.329
RMS 0.6305
size [# of strips]

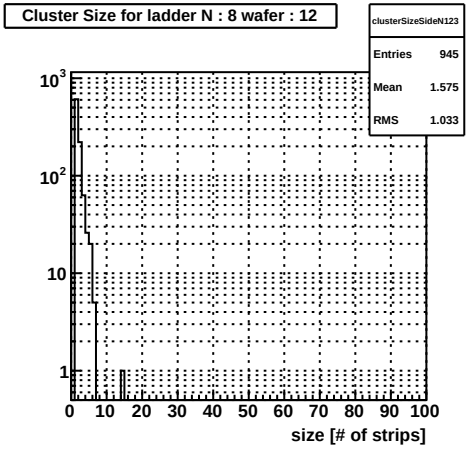

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2567
Mean 1.185
RMS 0.5474
size [# of strips]

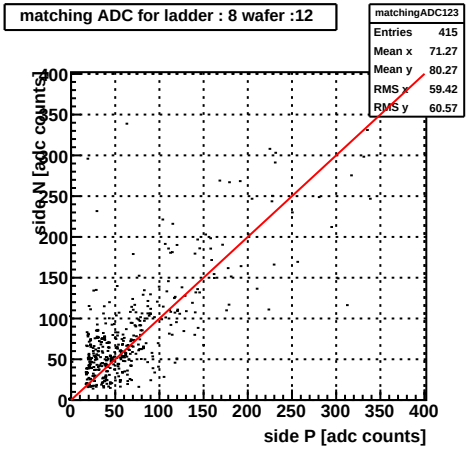

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 324
Mean x 80.55
Mean y 84.85
RMS x 62.68
RMS y 63.5
side N [adc counts]
side P [adc counts]

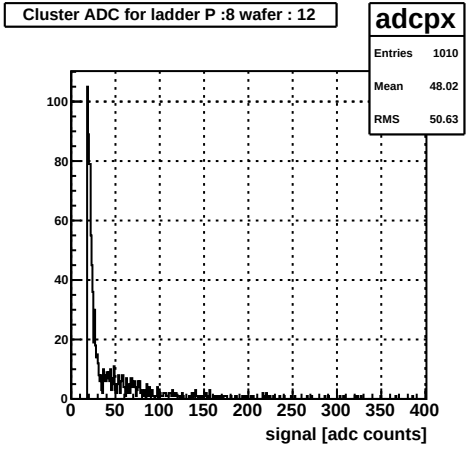

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 441
Mean 67.1
RMS 57.55
signal [adc counts]

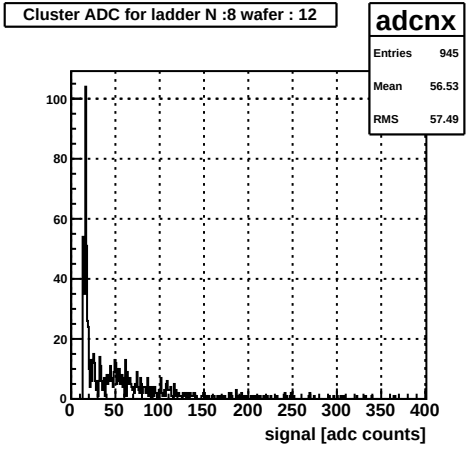

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2567
Mean 34.23
RMS 41.79
signal [adc counts]

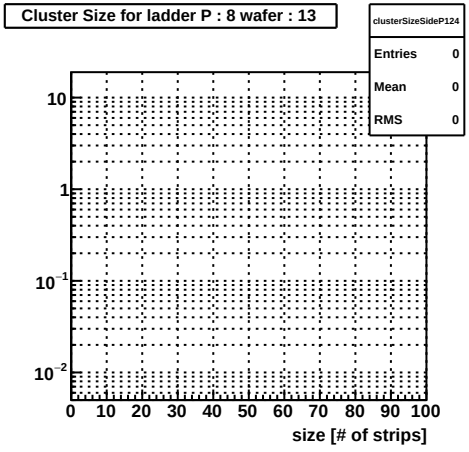

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1010
Mean 1.253
RMS 0.6078
size [# of strips]

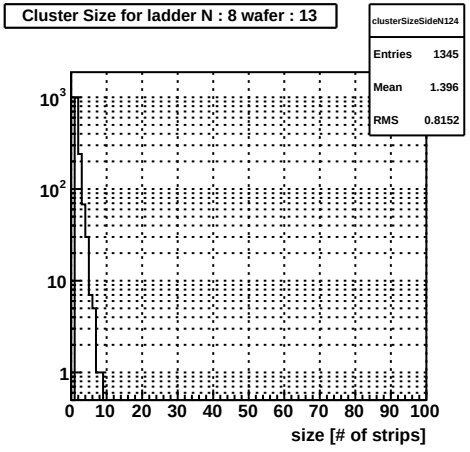

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 945
Mean 1.575
RMS 1.033
size [# of strips]

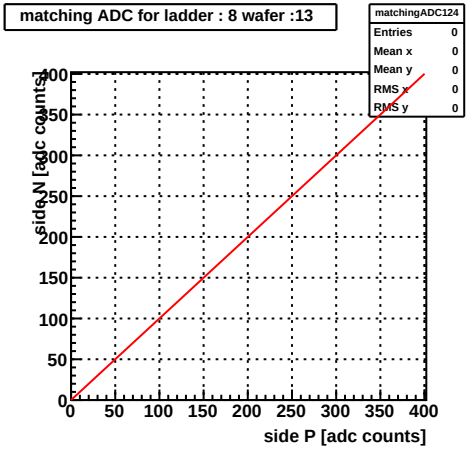

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 415
Mean x 71.27
Mean y 80.27
RMS x 59.42
RMS y 60.57
side N [adc counts]
side P [adc counts]

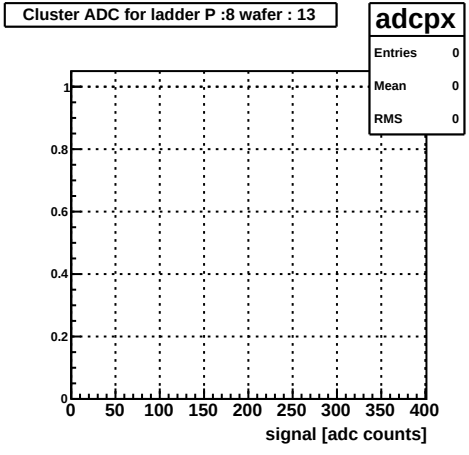

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1010
Mean 48.02
RMS 50.63
signal [adc counts]

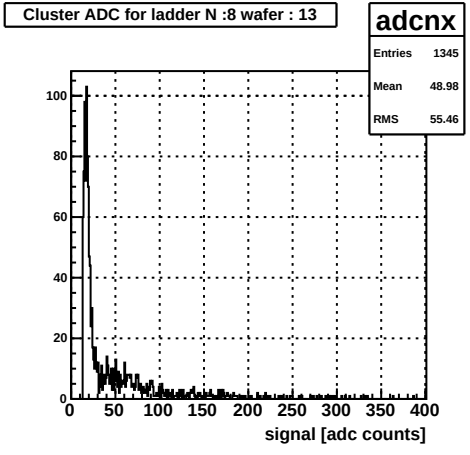

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 945
Mean 56.53
RMS 57.49
signal [adc counts]

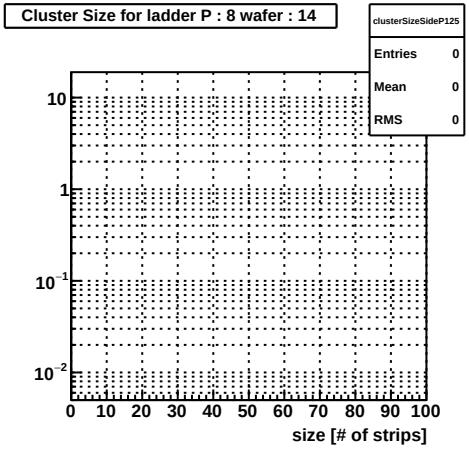

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

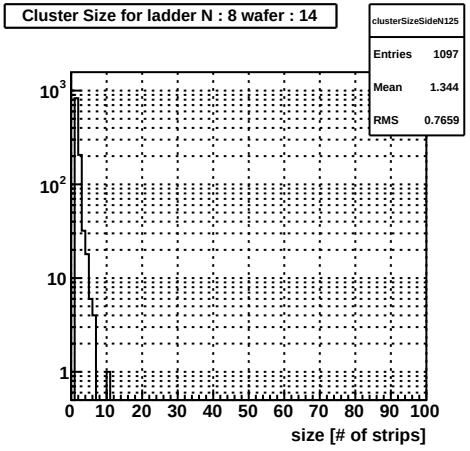

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1345
Mean 1.396
RMS 0.8152
size [# of strips]

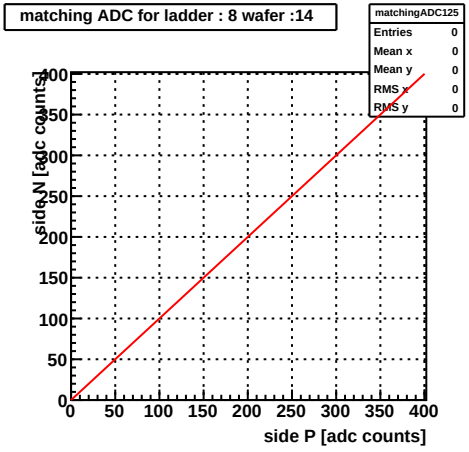

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

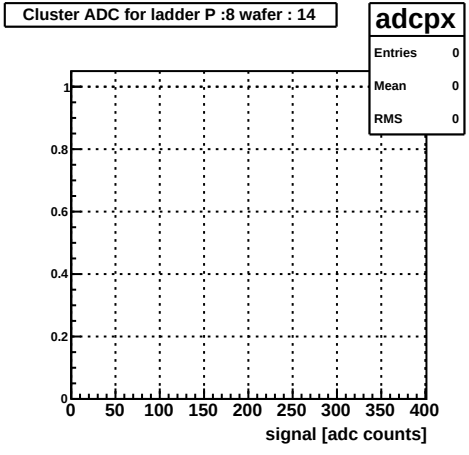

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

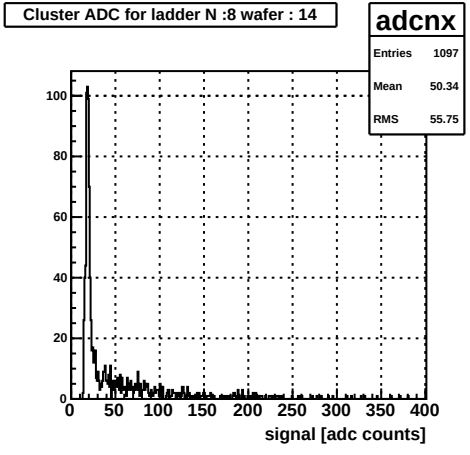

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1345
Mean 48.98
RMS 55.46
signal [adc counts]

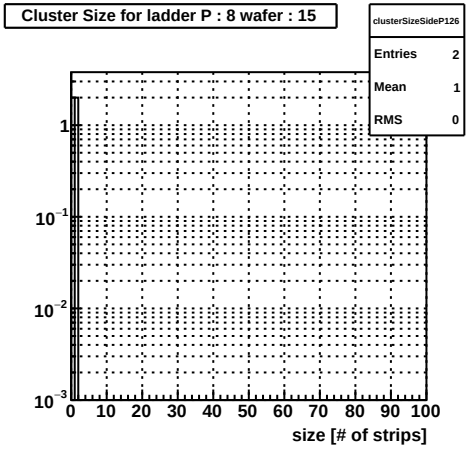

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

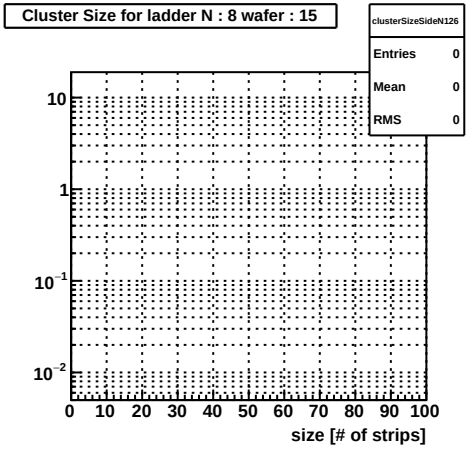

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1097
Mean 1.344
RMS 0.7659
size [# of strips]

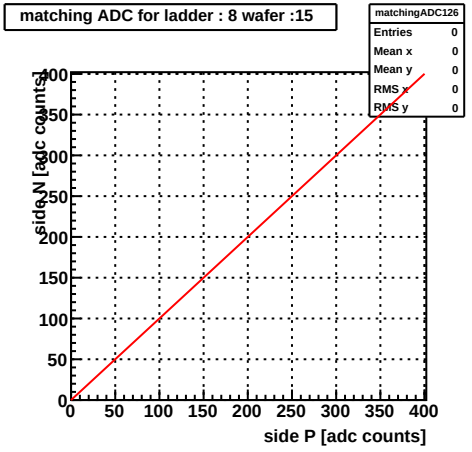

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

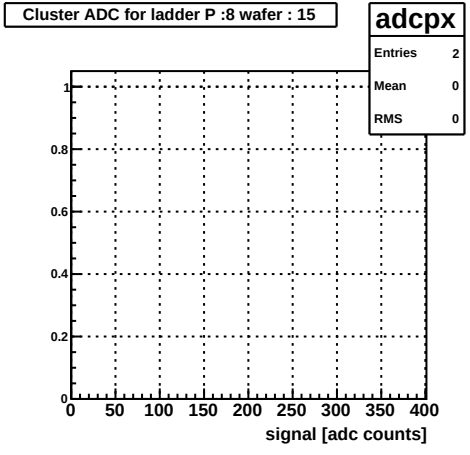

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

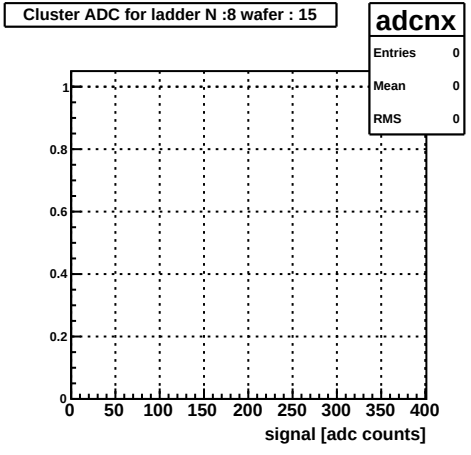

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1097
Mean 50.34
RMS 55.75
signal [adc counts]

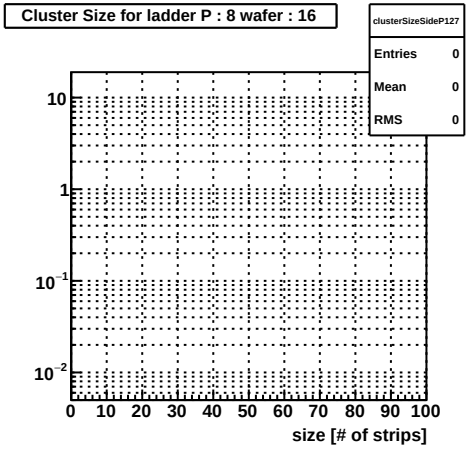

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

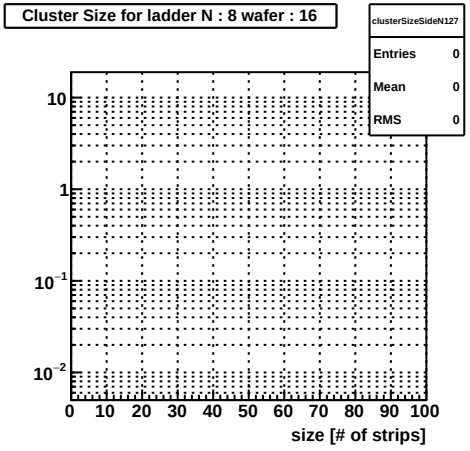

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

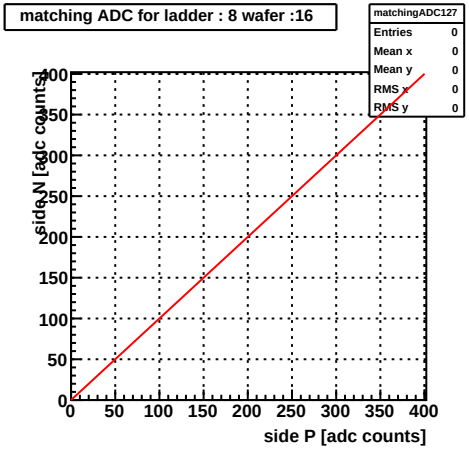

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

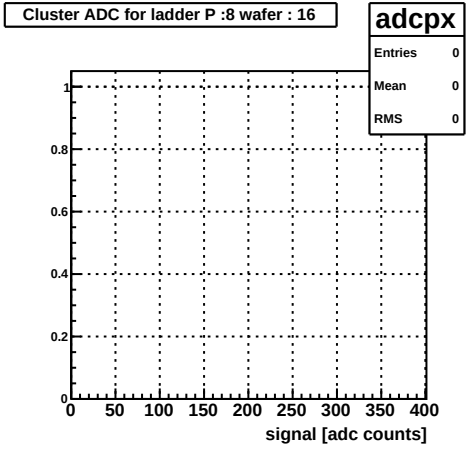

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

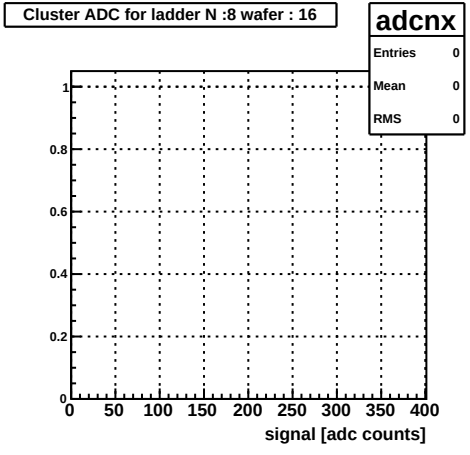

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

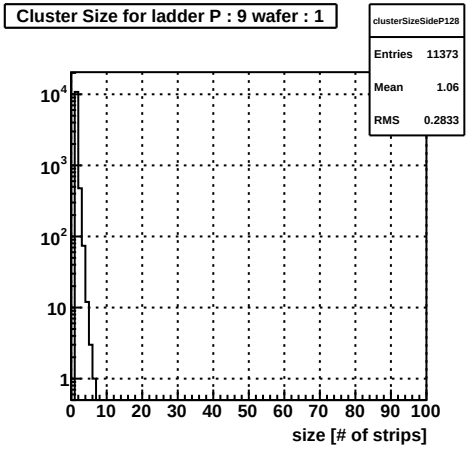

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

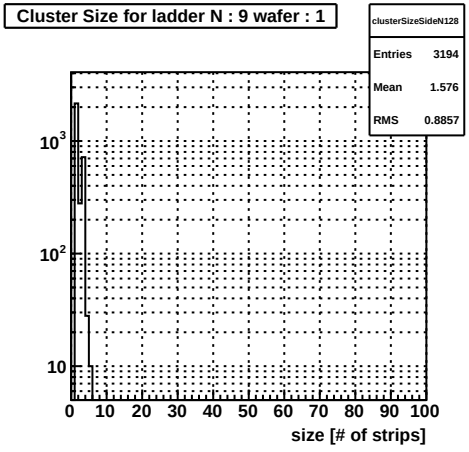

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

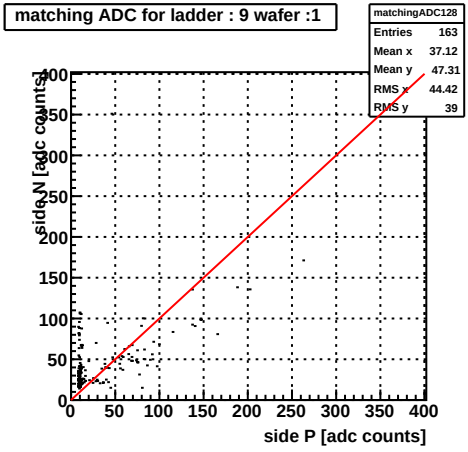

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

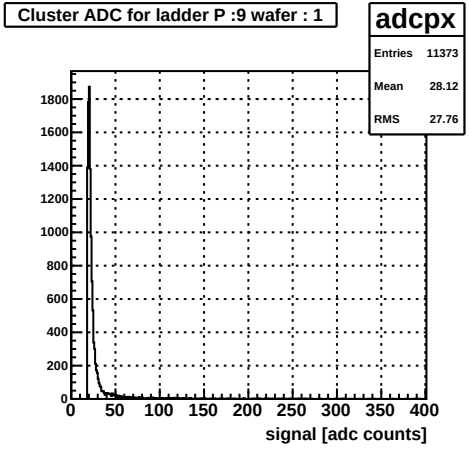

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

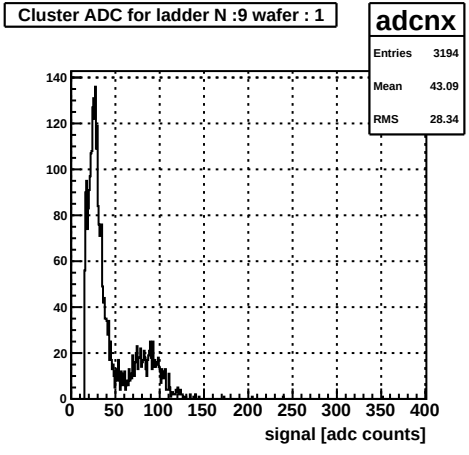

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

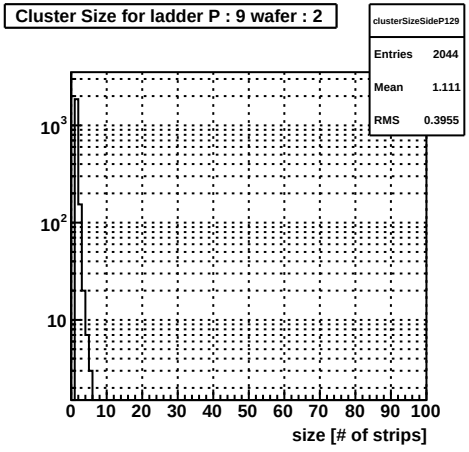

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 11373
Mean 1.06
RMS 0.2833
size [# of strips]

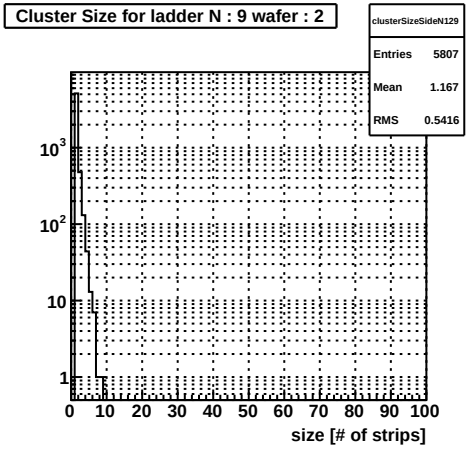

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3194
Mean 1.576
RMS 0.8857
size [# of strips]

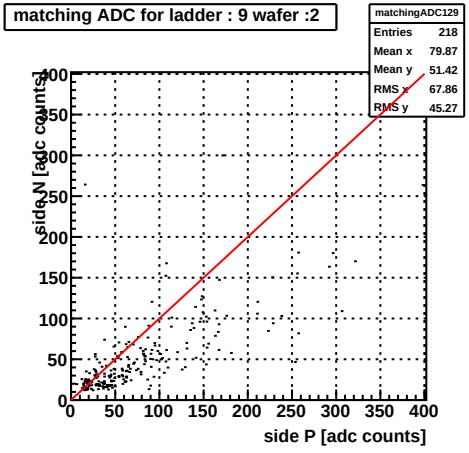

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 163
Mean x 37.12
Mean y 47.31
RMS x 44.42
RMS y 39
side N [adc counts]
side P [adc counts]

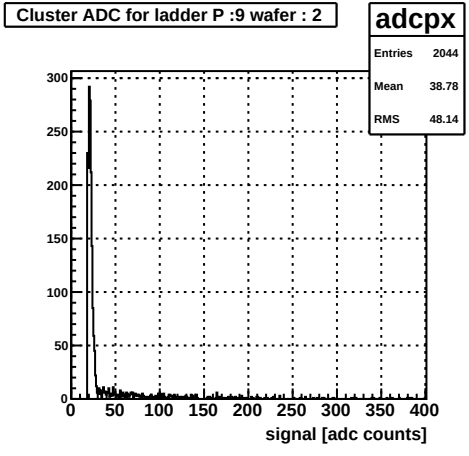

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 11373
Mean 28.12
RMS 27.76
signal [adc counts]

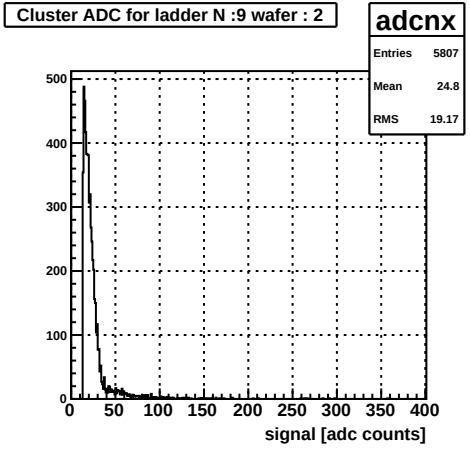

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3194
Mean 43.09
RMS 28.34
signal [adc counts]

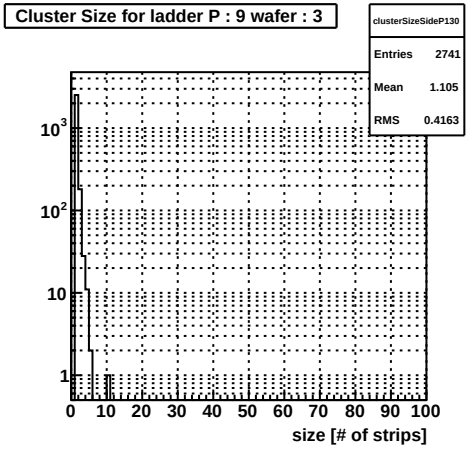

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2044
Mean 1.111
RMS 0.3955
size [# of strips]

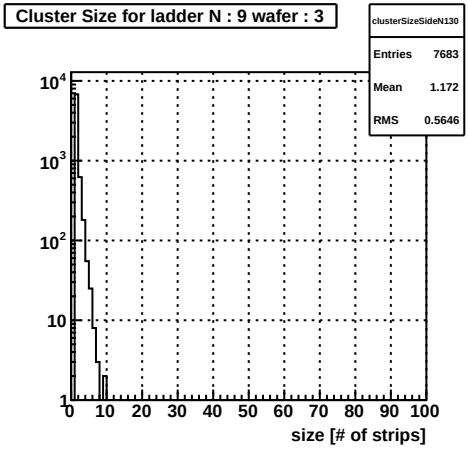

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5807
Mean 1.167
RMS 0.5416
size [# of strips]

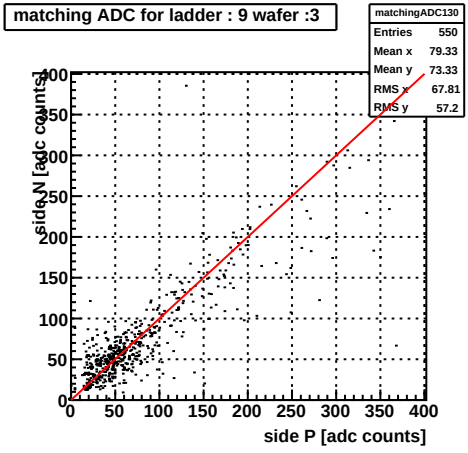

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 218
Mean x 79.87
Mean y 51.42
RMS x 67.86
RMS y 45.27
side N [adc counts]
side P [adc counts]

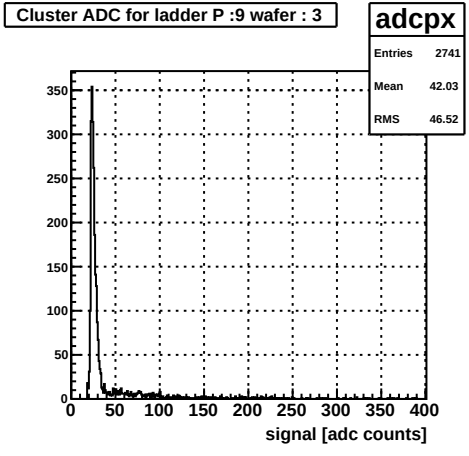

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2044
Mean 38.78
RMS 48.14
signal [adc counts]

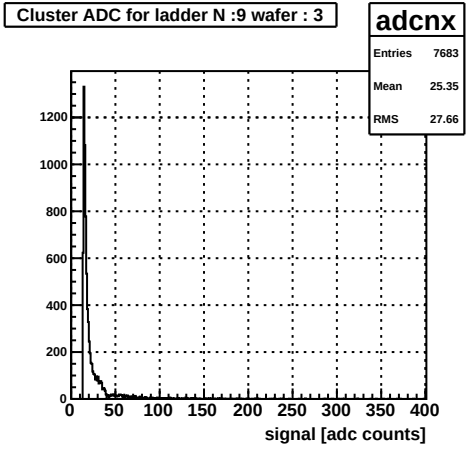

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5807
Mean 24.8
RMS 19.17
signal [adc counts]

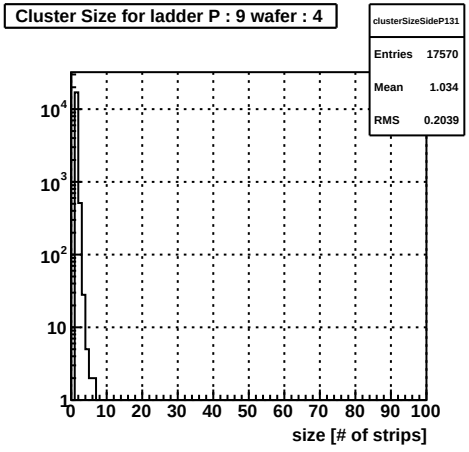

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2741
Mean 1.105
RMS 0.4163
size [# of strips]

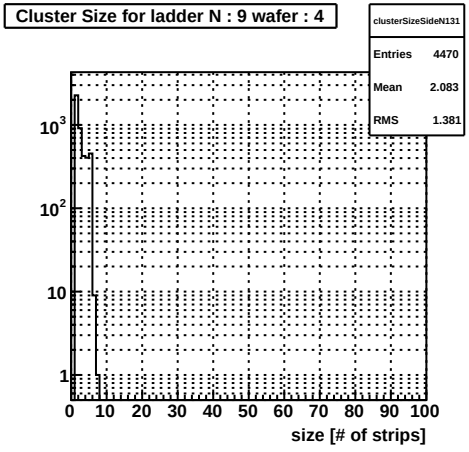

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7683
Mean 1.172
RMS 0.5646
size [# of strips]

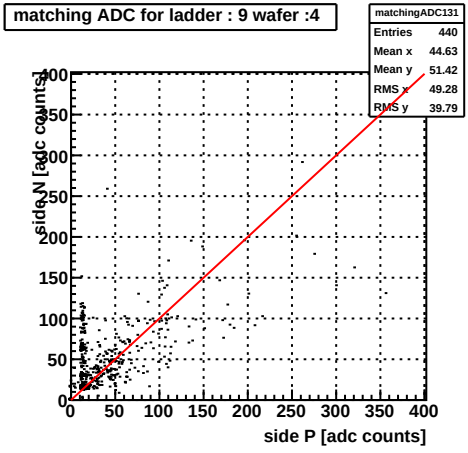

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 550
Mean x 79.33
Mean y 73.33
RMS x 67.81
RMS y 57.2
side N [adc counts]
side P [adc counts]

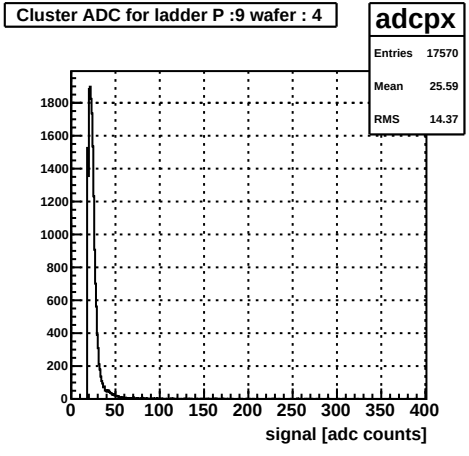

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2741
Mean 42.03
RMS 46.52
signal [adc counts]

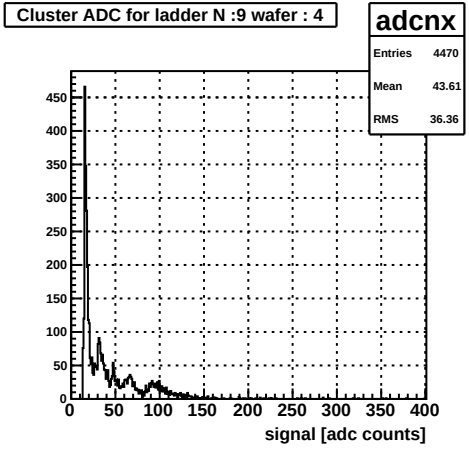

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7683
Mean 25.35
RMS 27.66
signal [adc counts]

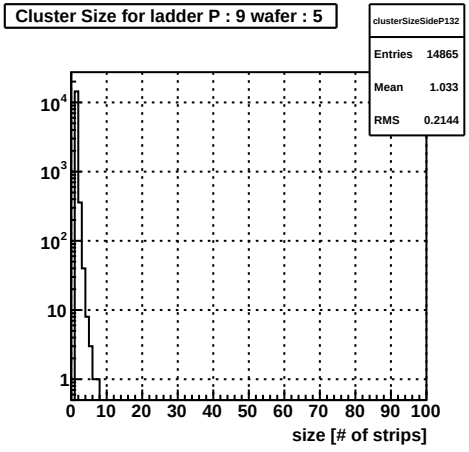

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17570
Mean 1.034
RMS 0.2039
size [# of strips]

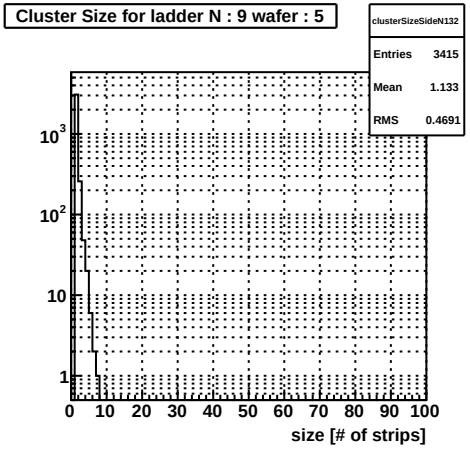

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 4470
Mean 2.083
RMS 1.381
size [# of strips]

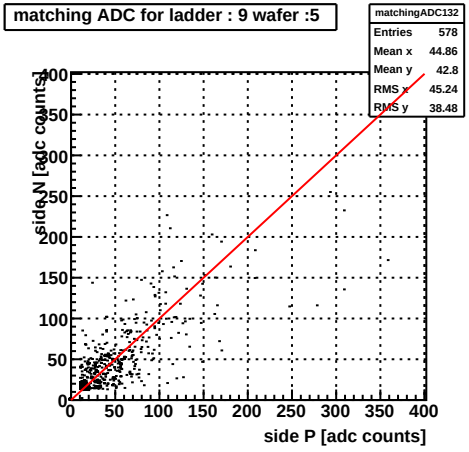

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 440
Mean x 44.63
Mean y 51.42
RMS x 49.28
RMS y 39.79
side N [adc counts]
side P [adc counts]

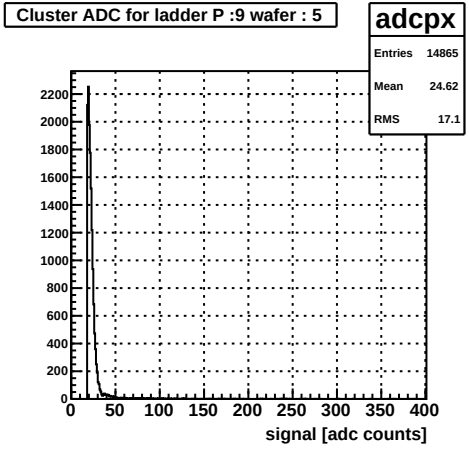

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17570
Mean 25.59
RMS 14.37
signal [adc counts]

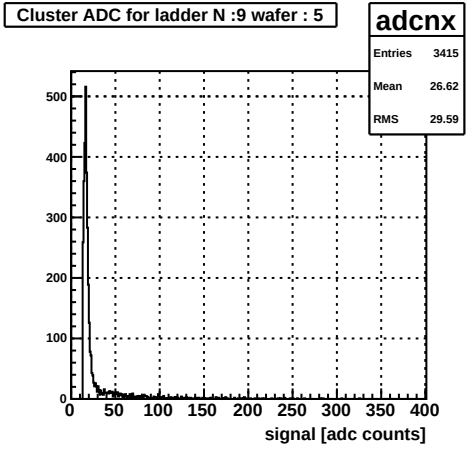

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 4470
Mean 43.61
RMS 36.36
signal [adc counts]

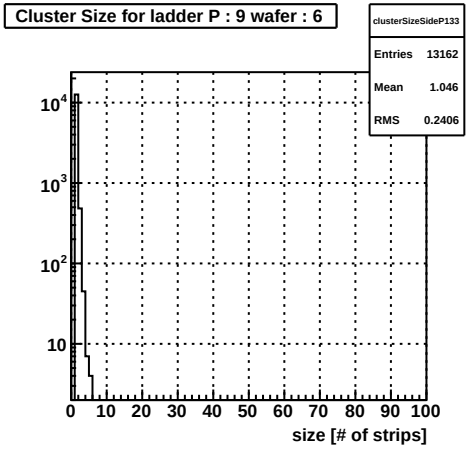

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14865
Mean 1.033
RMS 0.2144
size [# of strips]

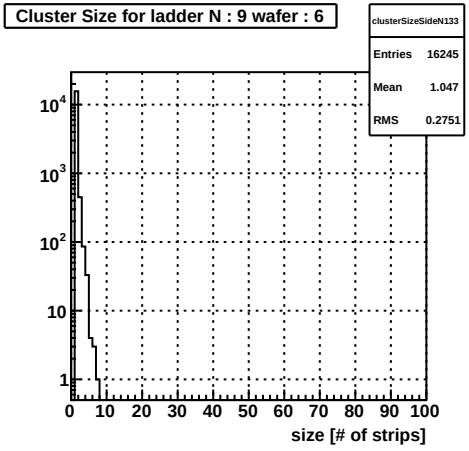

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3415
Mean 1.133
RMS 0.4691
size [# of strips]

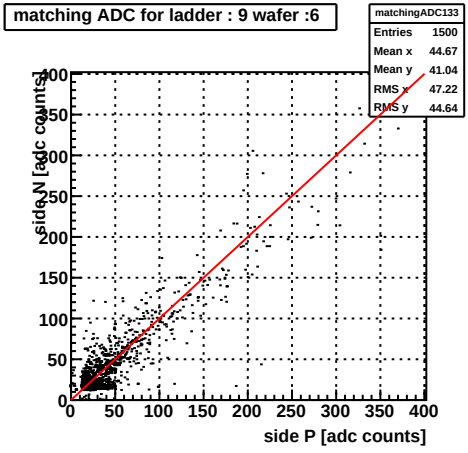

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 578
Mean x 44.86
Mean y 42.8
RMS x 45.24
RMS y 38.48
side N [adc counts]
side P [adc counts]

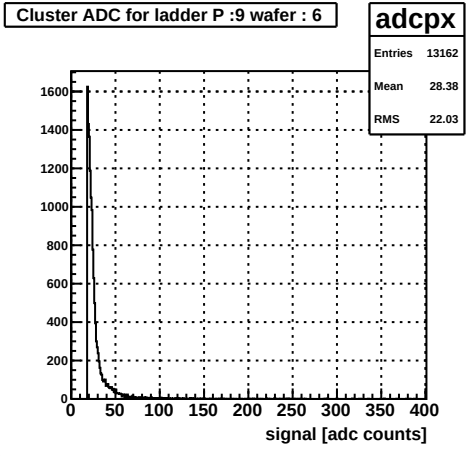

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14865
Mean 24.62
RMS 17.1
signal [adc counts]

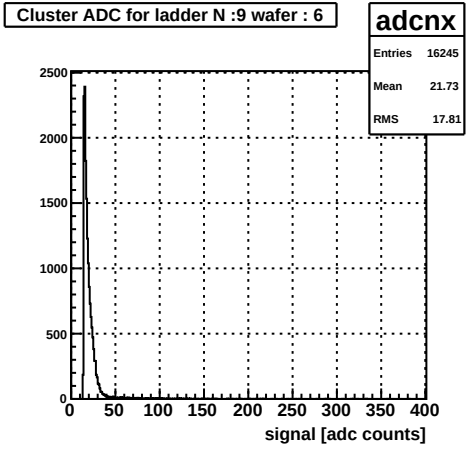

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3415
Mean 26.62
RMS 29.59
signal [adc counts]

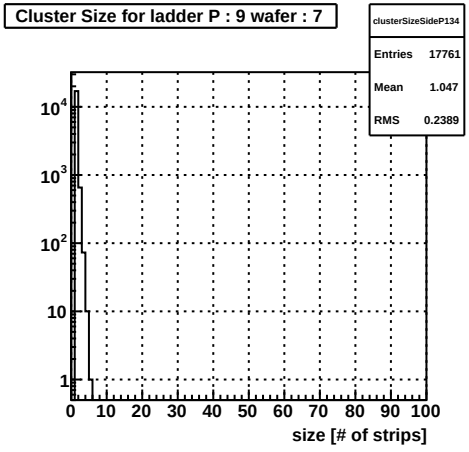

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13162
Mean 1.046
RMS 0.2406
size [# of strips]

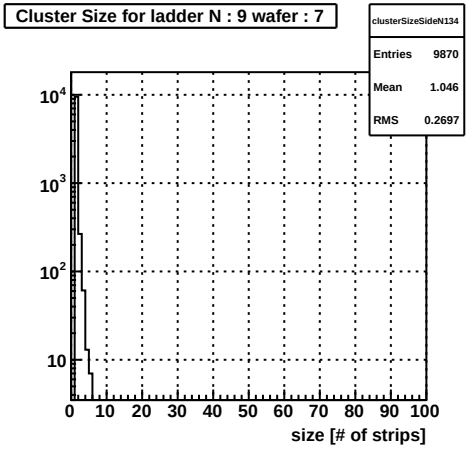

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 16245
Mean 1.047
RMS 0.2751
size [# of strips]

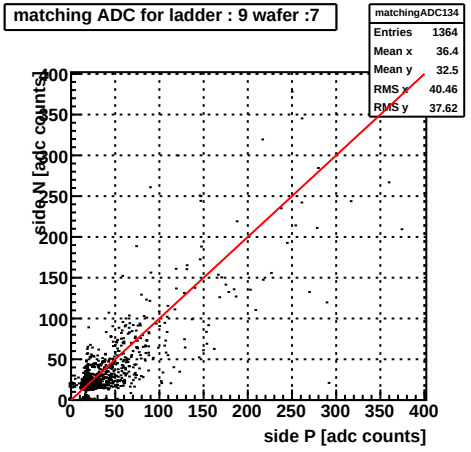

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1500
Mean x 44.67
Mean y 41.04
RMS x 47.22
RMS y 44.64
side N [adc counts]
side P [adc counts]

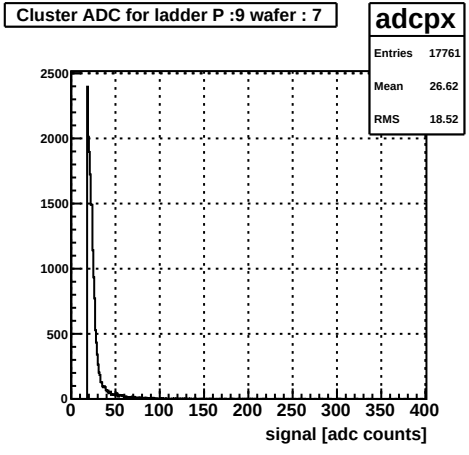

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13162
Mean 28.38
RMS 22.03
signal [adc counts]

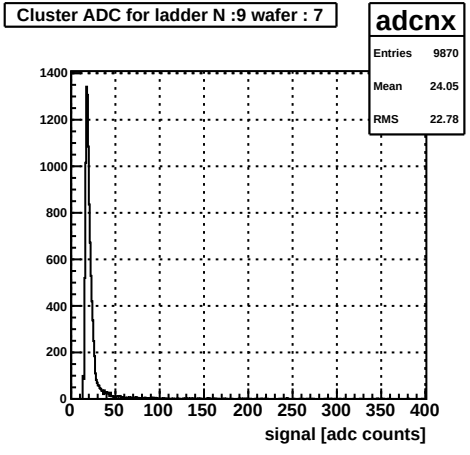

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 16245
Mean 21.73
RMS 17.81
signal [adc counts]

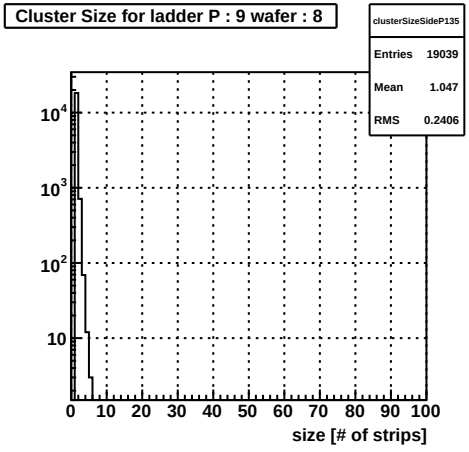

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 17761
Mean 1.047
RMS 0.2389
size [# of strips]

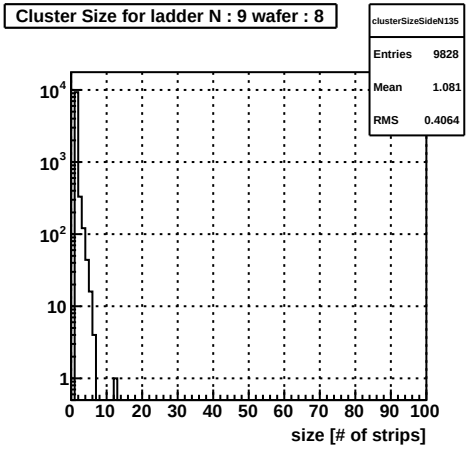

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9870
Mean 1.046
RMS 0.2697
size [# of strips]

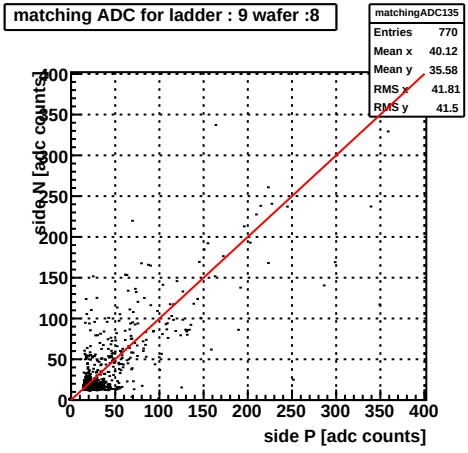

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1364
Mean x 36.4
Mean y 32.5
RMS x 40.46
RMS y 37.62
side N [adc counts]
side P [adc counts]

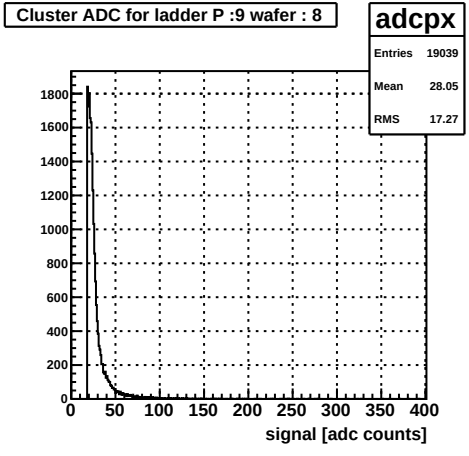

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 17761
Mean 26.62
RMS 18.52
signal [adc counts]

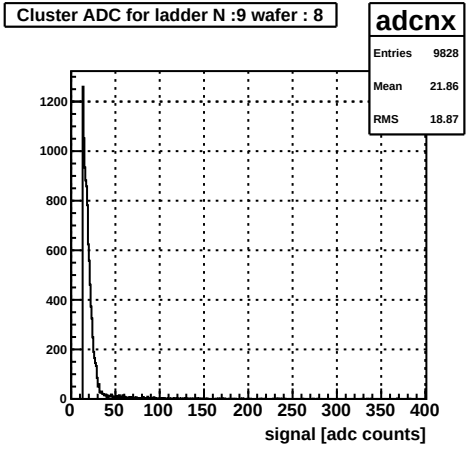

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9870
Mean 24.05
RMS 22.78
signal [adc counts]

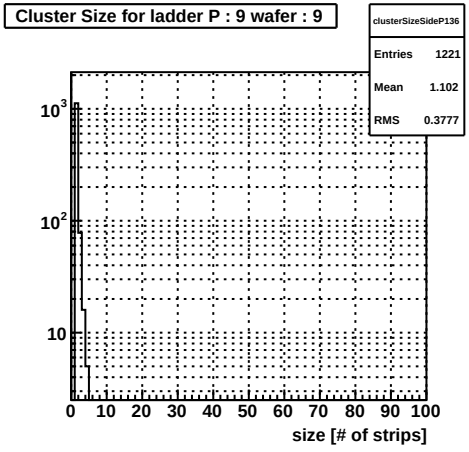

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 19039
Mean 1.047
RMS 0.2406
size [# of strips]

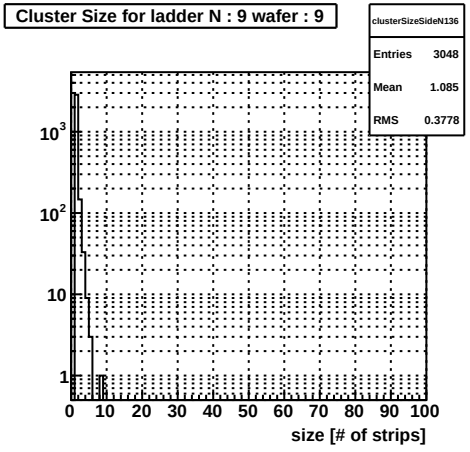

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9828
Mean 1.081
RMS 0.4064
size [# of strips]

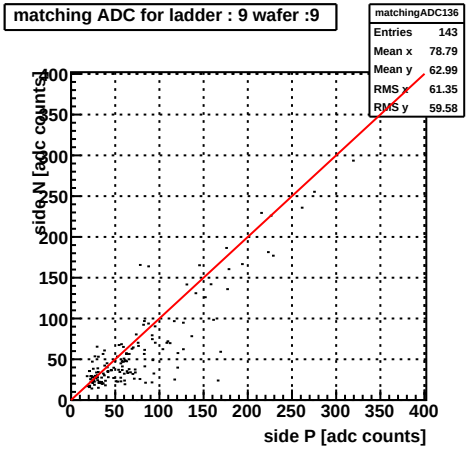

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 770
Mean x 40.12
Mean y 35.58
RMS x 41.81
RMS y 41.5
side N [adc counts]
side P [adc counts]

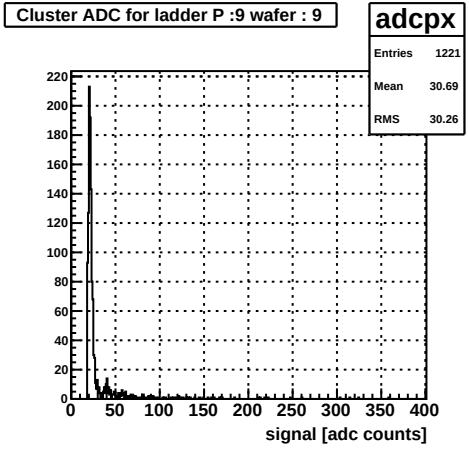

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 19039
Mean 28.05
RMS 17.27
signal [adc counts]

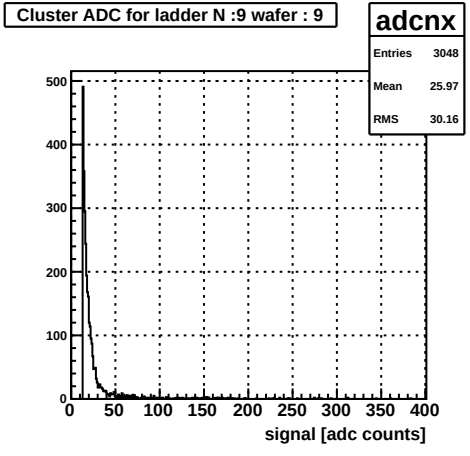

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9828
Mean 21.86
RMS 18.87
signal [adc counts]

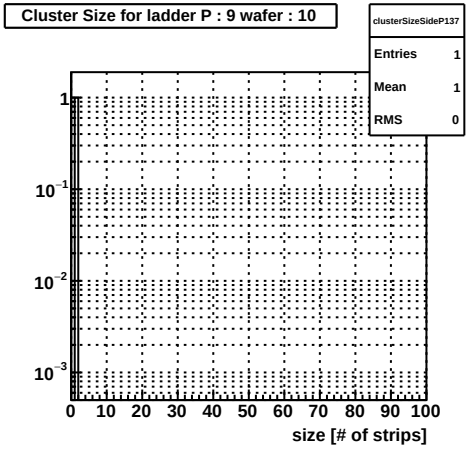

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1221
Mean 1.102
RMS 0.3777
size [# of strips]

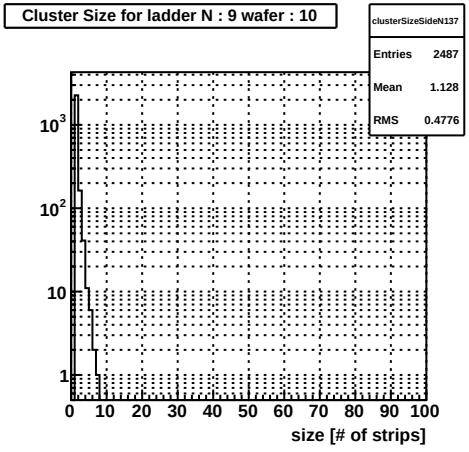

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3048
Mean 1.085
RMS 0.3778
size [# of strips]

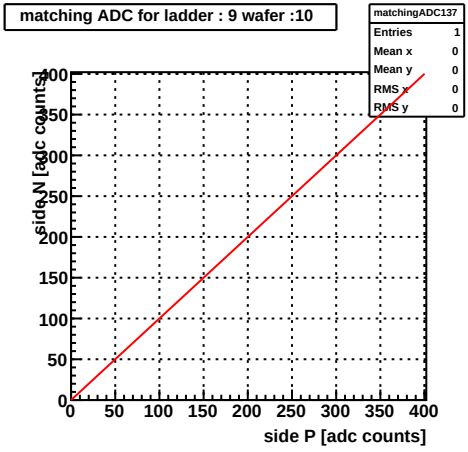

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 143
Mean x 78.79
Mean y 62.99
RMS x 61.35
RMS y 59.58
side N [adc counts]
side P [adc counts]

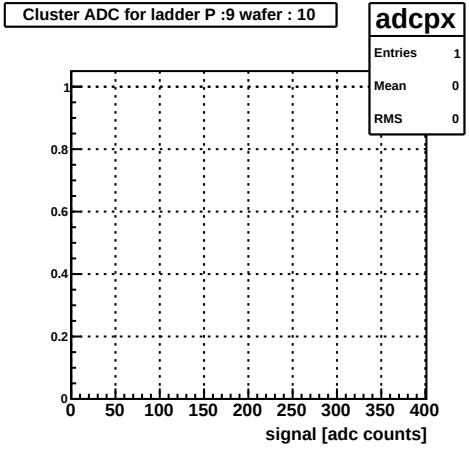

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1221
Mean 30.69
RMS 30.26
signal [adc counts]

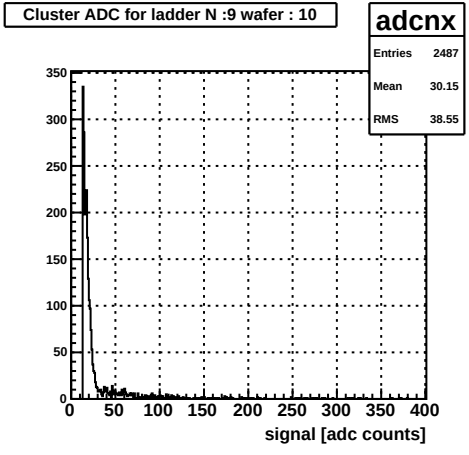

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3048
Mean 25.97
RMS 30.16
signal [adc counts]

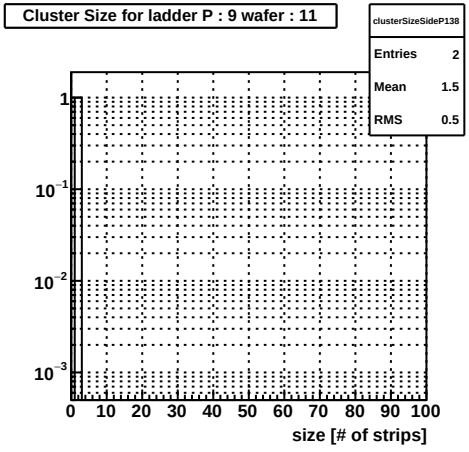

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

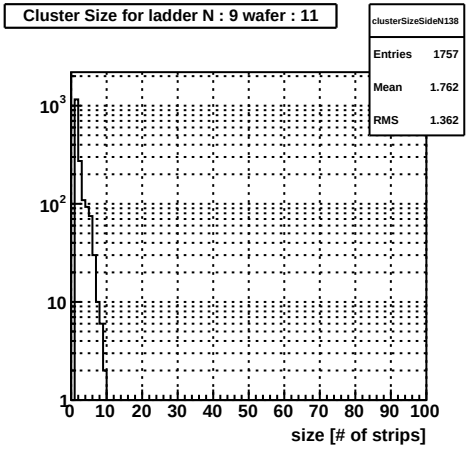

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2487
Mean 1.128
RMS 0.4776
size [# of strips]

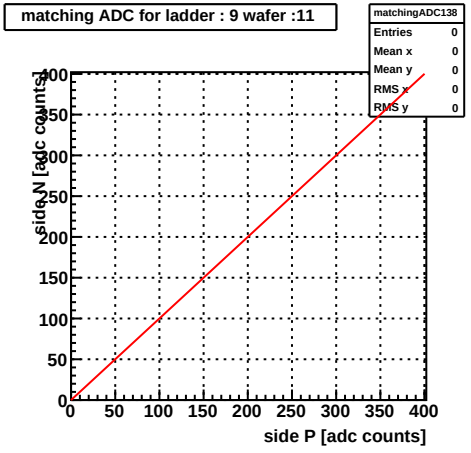

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

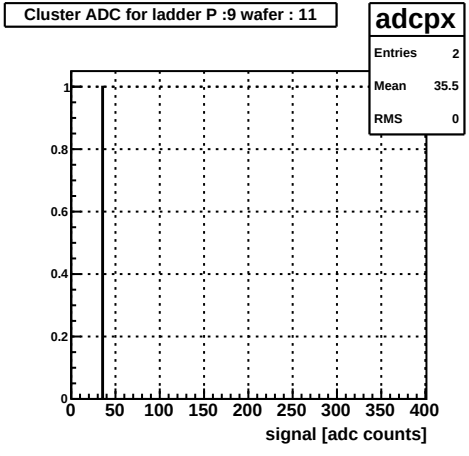

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

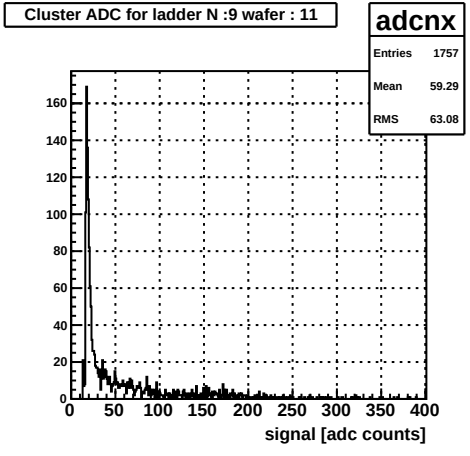

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2487
Mean 30.15
RMS 38.55
signal [adc counts]

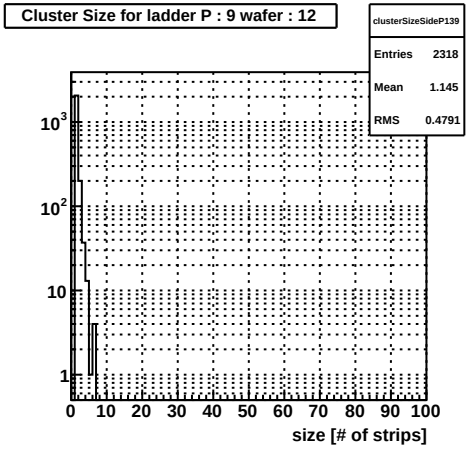

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

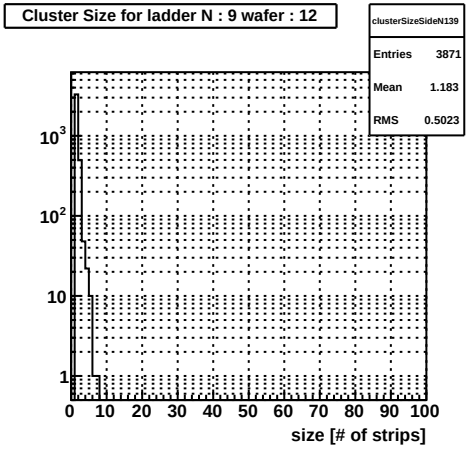

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1757
Mean 1.762
RMS 1.362
size [# of strips]

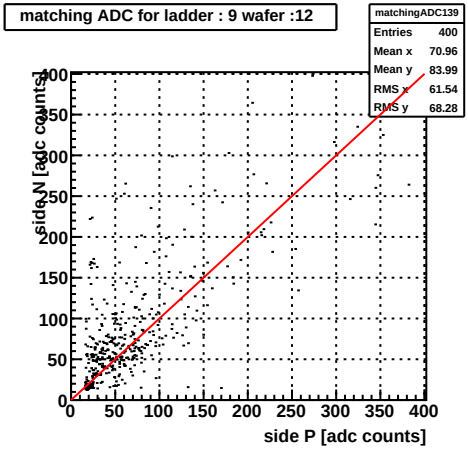

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

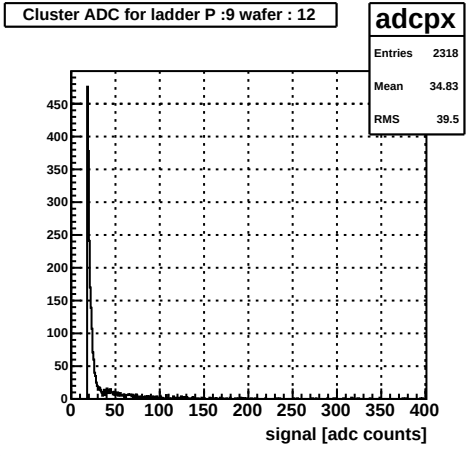

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 35.5
RMS 0
signal [adc counts]

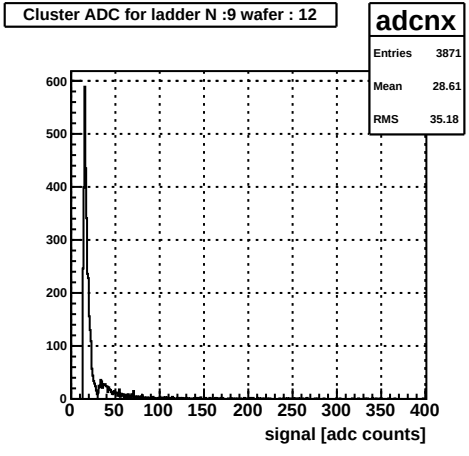

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1757
Mean 59.29
RMS 63.08
signal [adc counts]

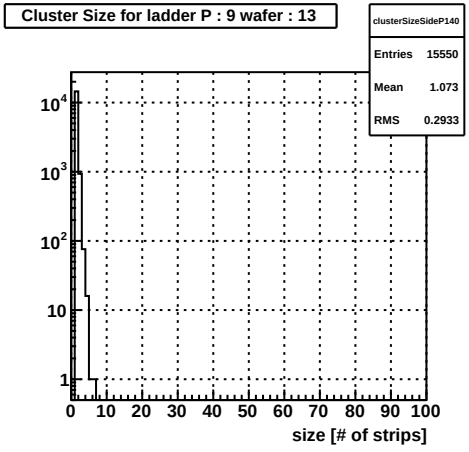

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2318
Mean 1.145
RMS 0.4791
size [# of strips]

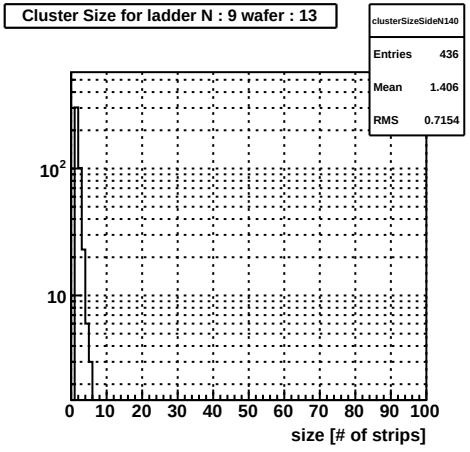

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3871
Mean 1.183
RMS 0.5023
size [# of strips]

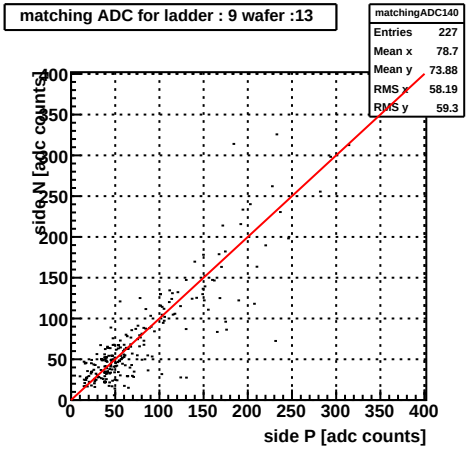

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 400
Mean x 70.96
Mean y 83.99
RMS x 61.54
RMS y 68.28
side N [adc counts]
side P [adc counts]

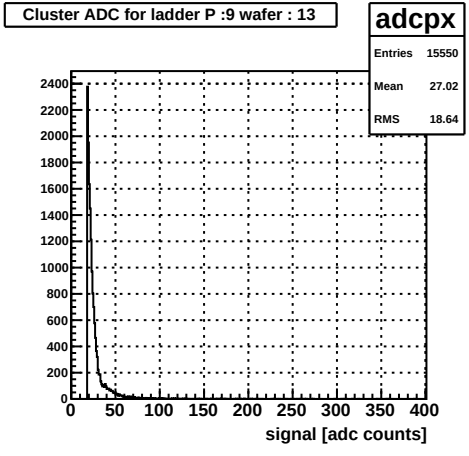

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2318
Mean 34.83
RMS 39.5
signal [adc counts]

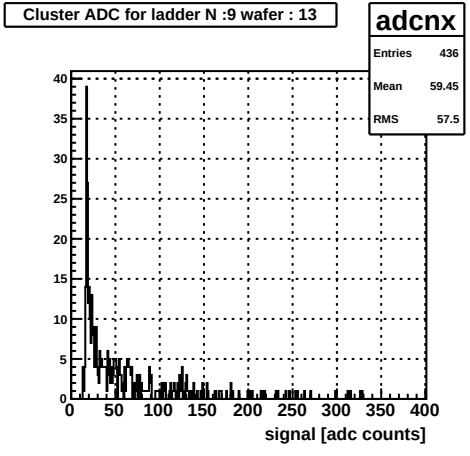

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3871
Mean 28.61
RMS 35.18
signal [adc counts]

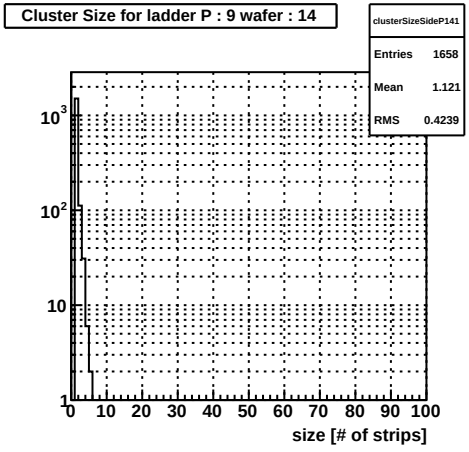

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15550
Mean 1.073
RMS 0.2933
size [# of strips]

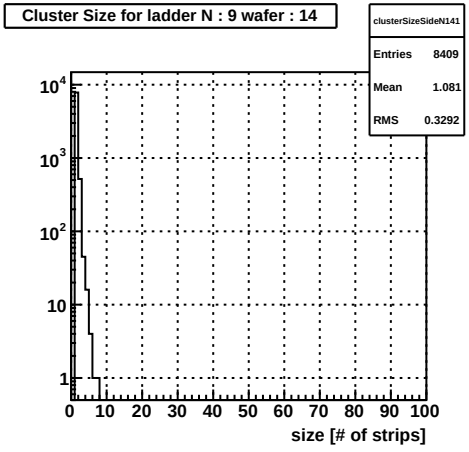

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 436
Mean 1.406
RMS 0.7154
size [# of strips]

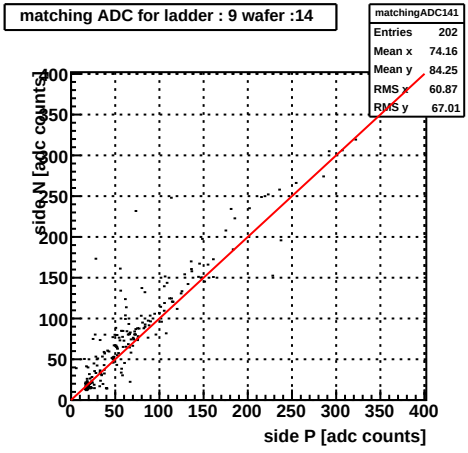

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 227
Mean x 78.7
Mean y 73.88
RMS x 58.19
RMS y 59.3
side N [adc counts]
side P [adc counts]

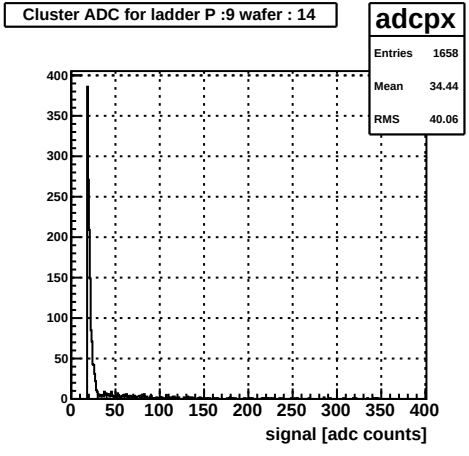

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15550
Mean 27.02
RMS 18.64
signal [adc counts]

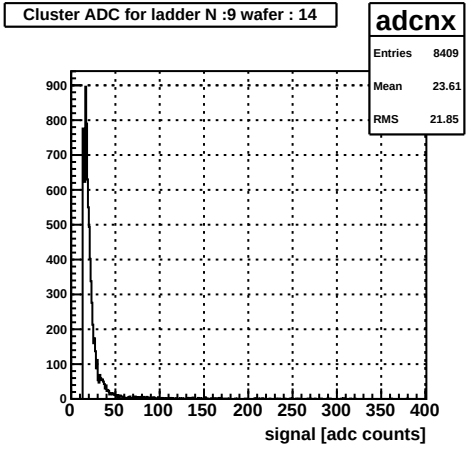

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 436
Mean 59.45
RMS 57.5
signal [adc counts]

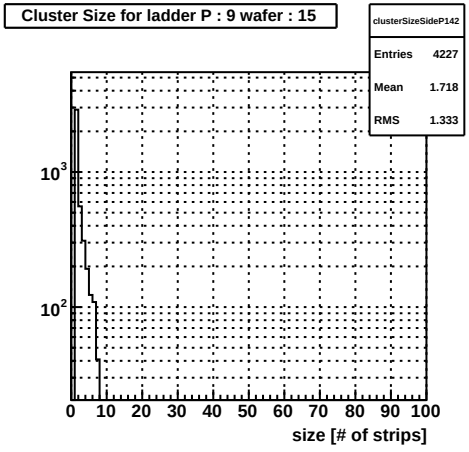

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1658
Mean 1.121
RMS 0.4239
size [# of strips]

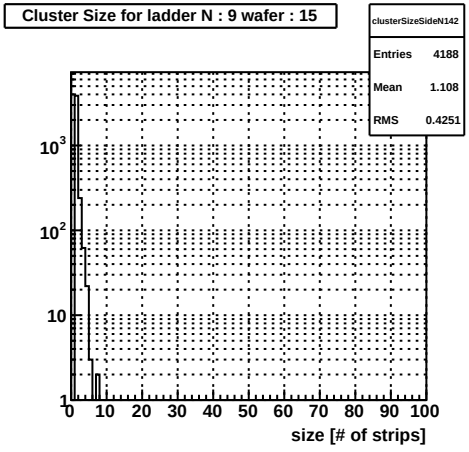

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 8409
Mean 1.081
RMS 0.3292
size [# of strips]

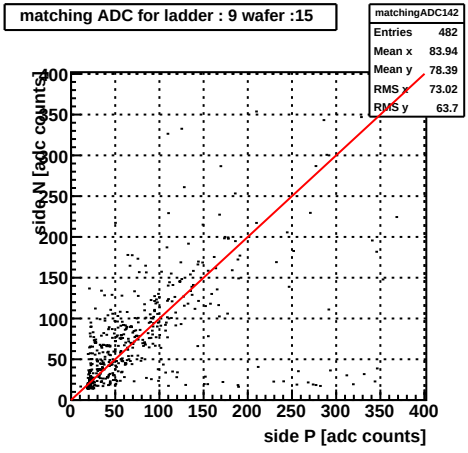

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 202
Mean x 74.16
Mean y 84.25
RMS x 60.87
RMS y 67.01
side N [adc counts]
side P [adc counts]

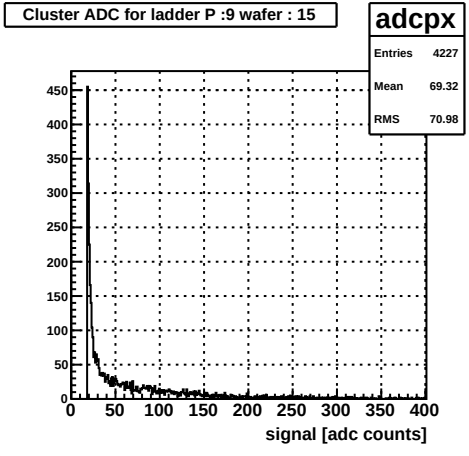

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1658
Mean 34.44
RMS 40.06
signal [adc counts]

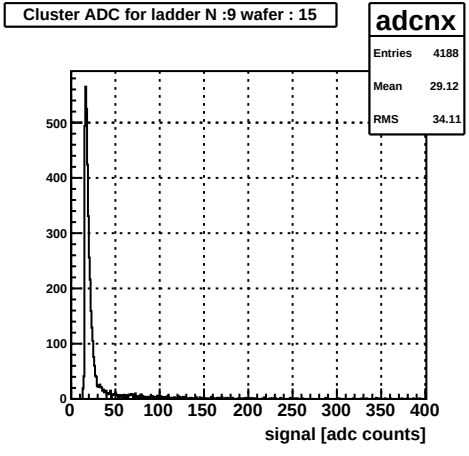

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 8409
Mean 23.61
RMS 21.85
signal [adc counts]

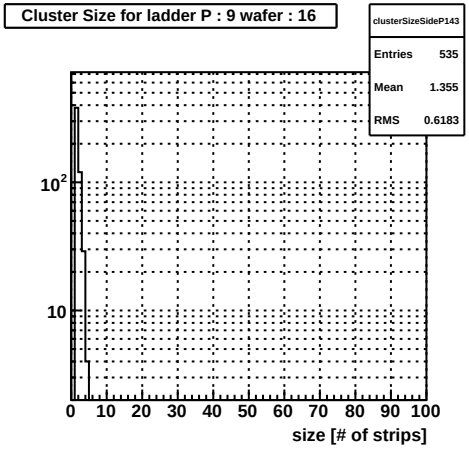

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4227
Mean 1.718
RMS 1.333
size [# of strips]

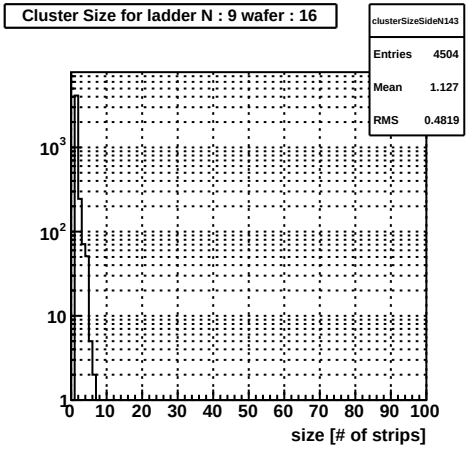

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4188
Mean 1.108
RMS 0.4251
size [# of strips]

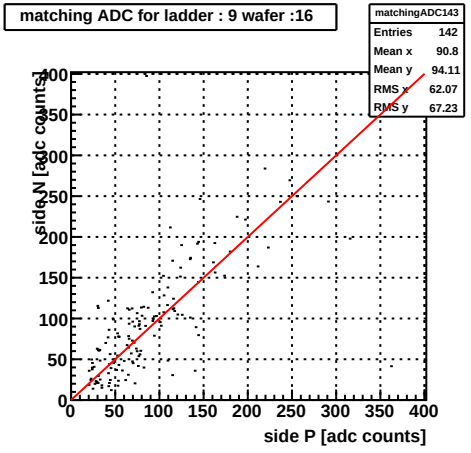

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 482
Mean x 83.94
Mean y 78.39
RMS x 73.02
RMS y 63.7
side N [adc counts]
side P [adc counts]

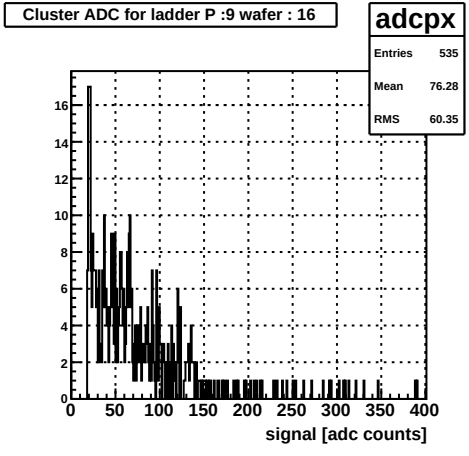

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4227
Mean 69.32
RMS 70.98
signal [adc counts]

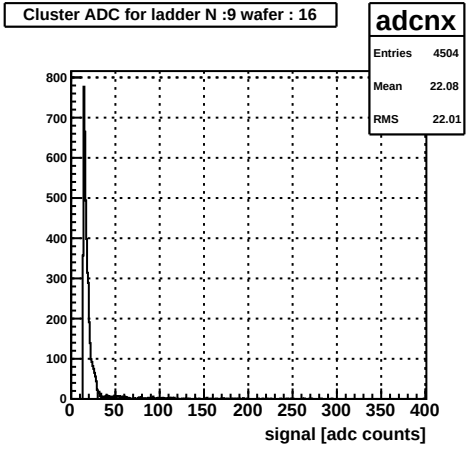

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4188
Mean 29.12
RMS 34.11
signal [adc counts]

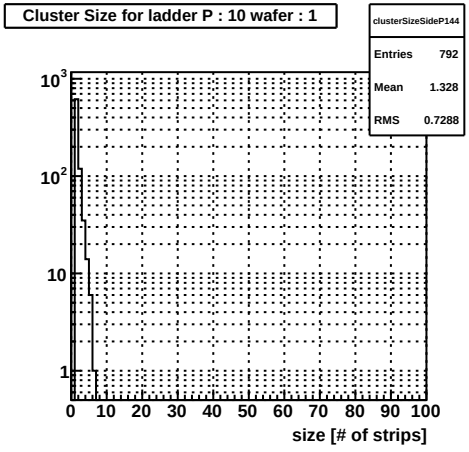

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 535
Mean 1.355
RMS 0.6183
size [# of strips]

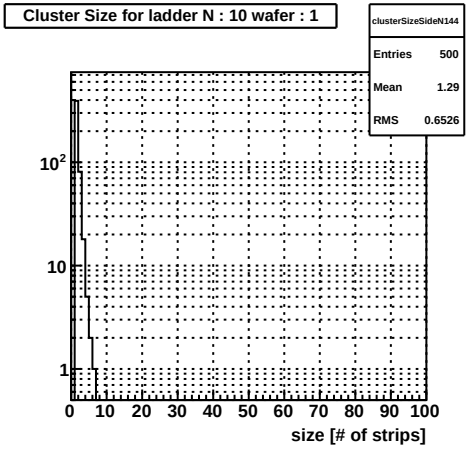

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4504
Mean 1.127
RMS 0.4819
size [# of strips]

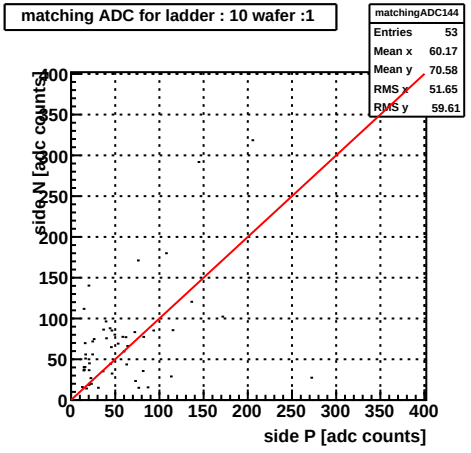

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 142
Mean x 90.8
Mean y 94.11
RMS x 62.07
RMS y 67.23
side N [adc counts]
side P [adc counts]

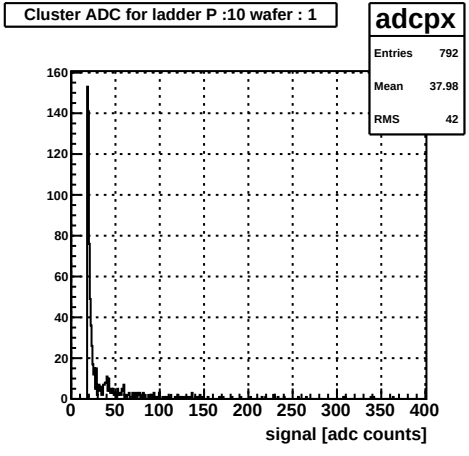

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 535
Mean 76.28
RMS 60.35
signal [adc counts]

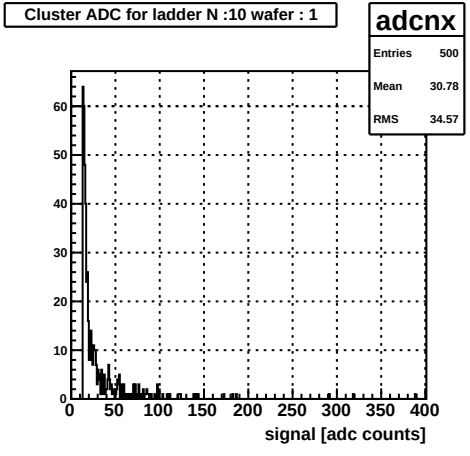

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4504
Mean 22.08
RMS 22.01
signal [adc counts]

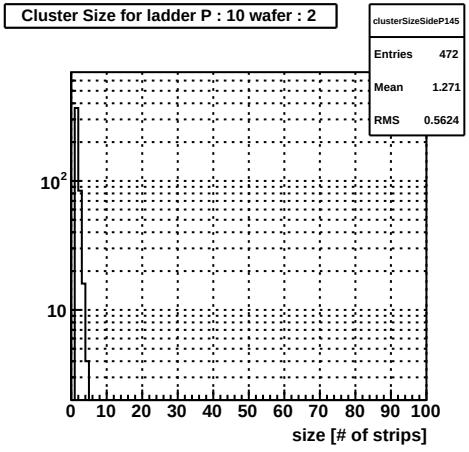

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 792
Mean 1.328
RMS 0.7288
size [# of strips]

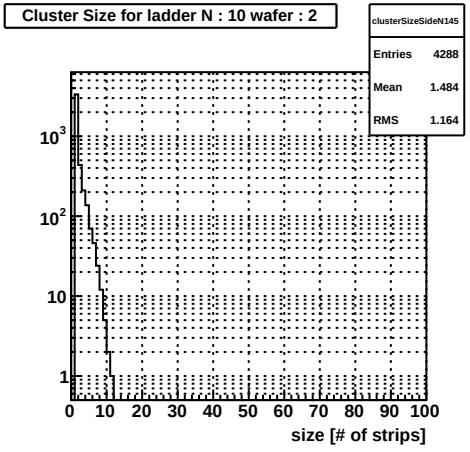

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 500
Mean 1.29
RMS 0.6526
size [# of strips]

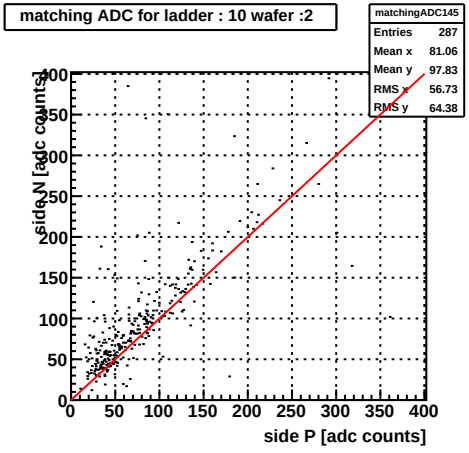

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 53
Mean x 60.17
Mean y 70.58
RMS x 51.65
RMS y 59.61
side N [adc counts]
side P [adc counts]

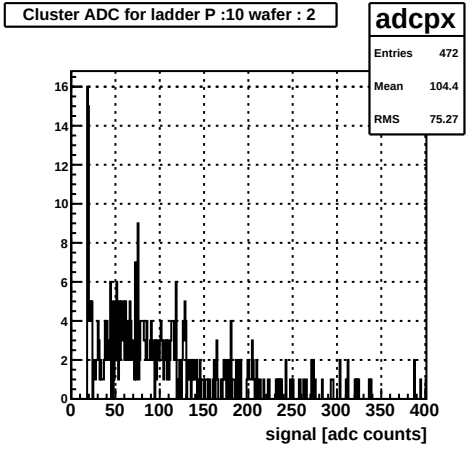

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 792
Mean 37.98
RMS 42
signal [adc counts]

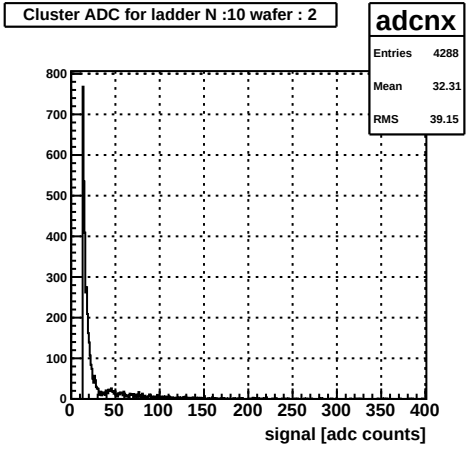

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 500
Mean 30.78
RMS 34.57
signal [adc counts]

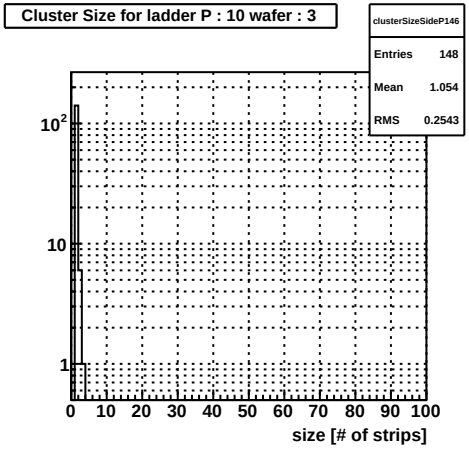

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 472
Mean 1.271
RMS 0.5624
size [# of strips]

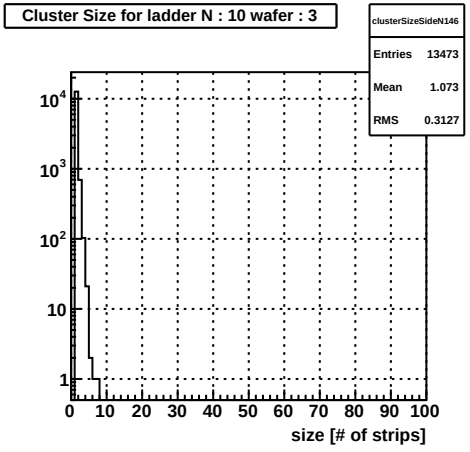

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4288
Mean 1.484
RMS 1.164
size [# of strips]

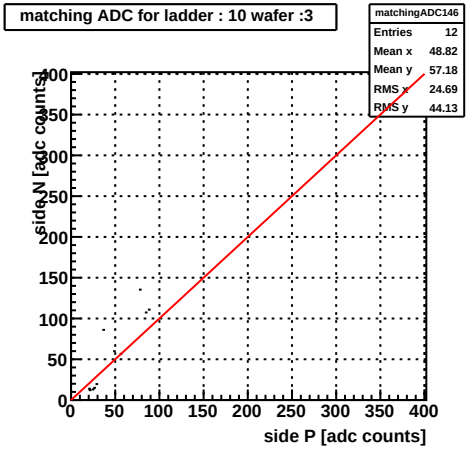

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 287
Mean x 81.06
Mean y 97.83
RMS x 56.73
RMS y 64.38
side N [adc counts]
side P [adc counts]

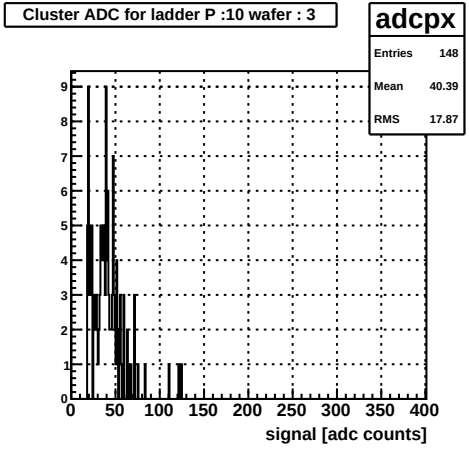

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 472
Mean 104.4
RMS 75.27
signal [adc counts]

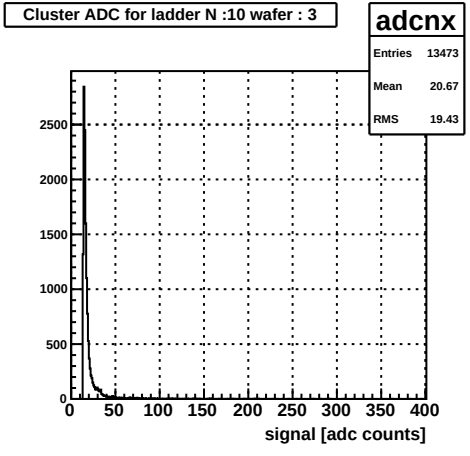

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4288
Mean 32.31
RMS 39.15
signal [adc counts]

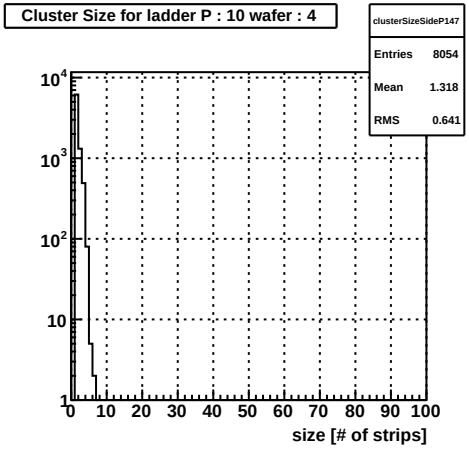

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 148
Mean 1.054
RMS 0.2543
size [# of strips]

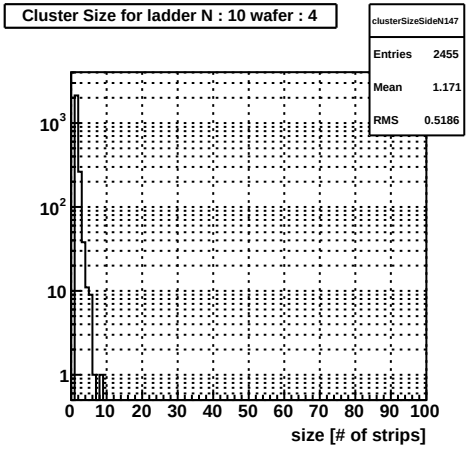

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13473
Mean 1.073
RMS 0.3127
size [# of strips]

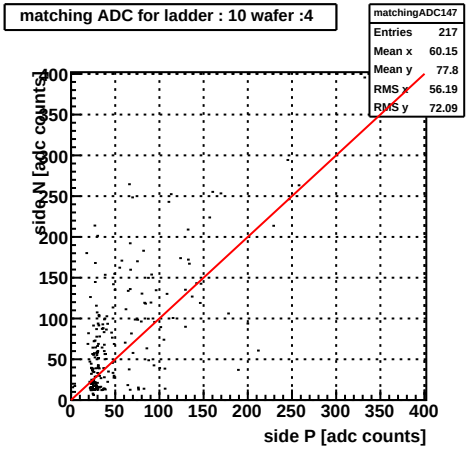

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 12
Mean x 48.82
Mean y 57.18
RMS x 24.69
RMS y 44.13
side N [adc counts]
side P [adc counts]

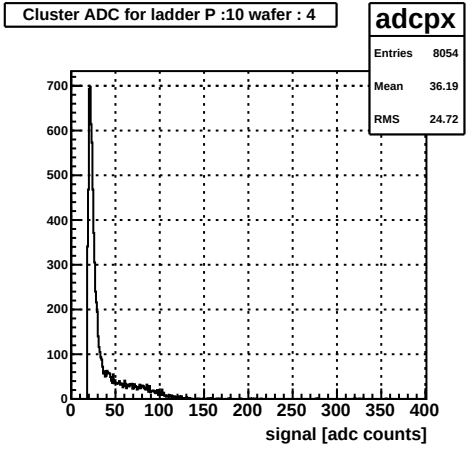

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 148
Mean 40.39
RMS 17.87
signal [adc counts]

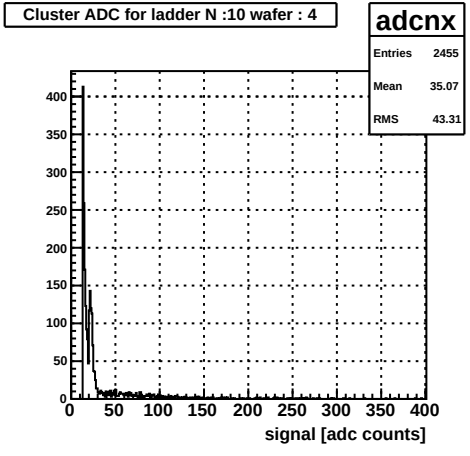

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13473
Mean 20.67
RMS 19.43
signal [adc counts]

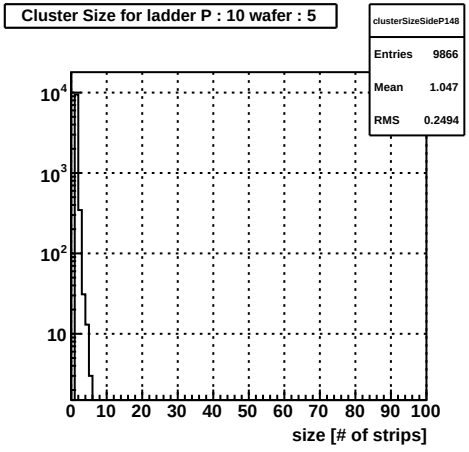

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8054
Mean 1.318
RMS 0.641
size [# of strips]

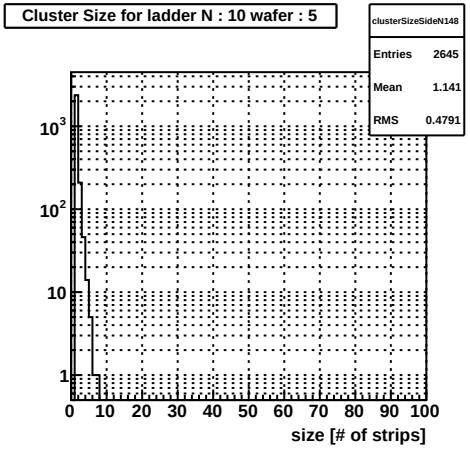

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2455
Mean 1.171
RMS 0.5186
size [# of strips]

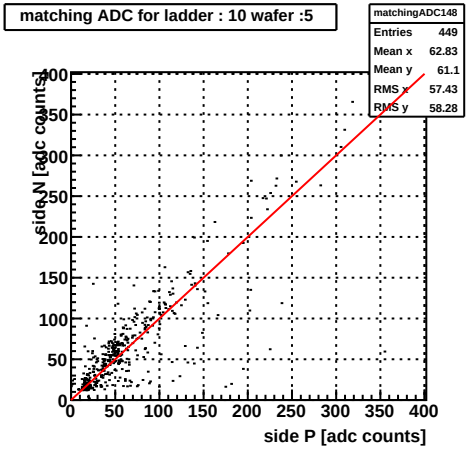

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 217
Mean x 60.15
Mean y 77.8
RMS x 56.19
RMS y 72.09
side N [adc counts]
side P [adc counts]

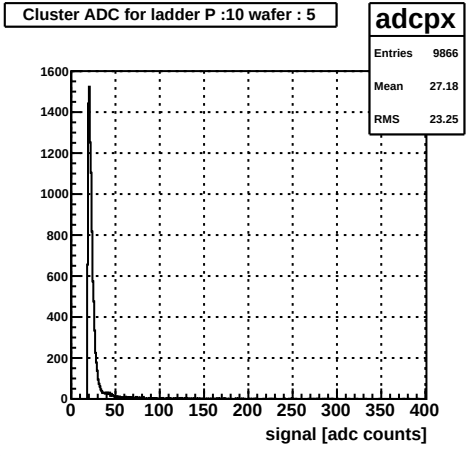

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8054
Mean 36.19
RMS 24.72
signal [adc counts]

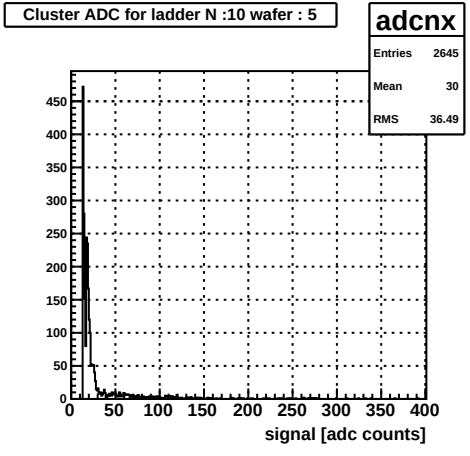

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2455
Mean 35.07
RMS 43.31
signal [adc counts]

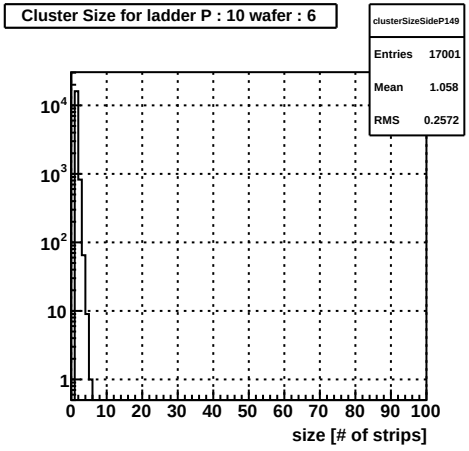

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 9866
Mean 1.047
RMS 0.2494
size [# of strips]

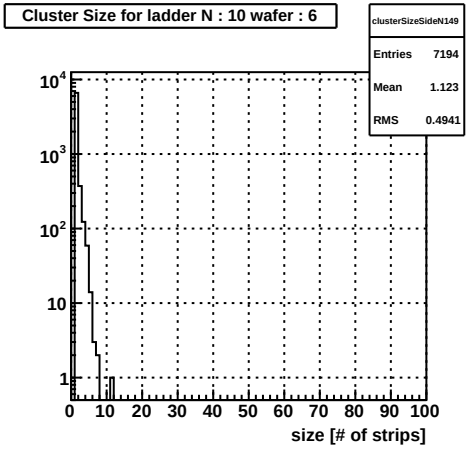

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2645
Mean 1.141
RMS 0.4791
size [# of strips]

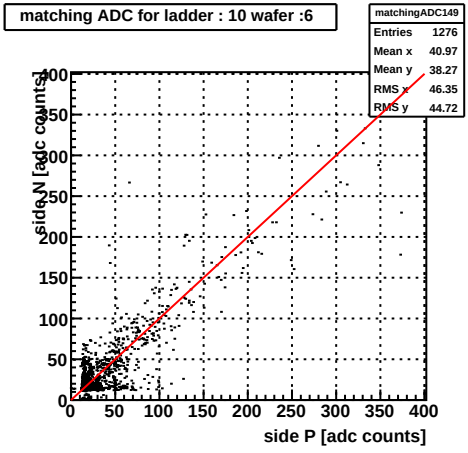

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 449
Mean x 62.83
Mean y 61.1
RMS x 57.43
RMS y 58.28
side N [adc counts]
side P [adc counts]

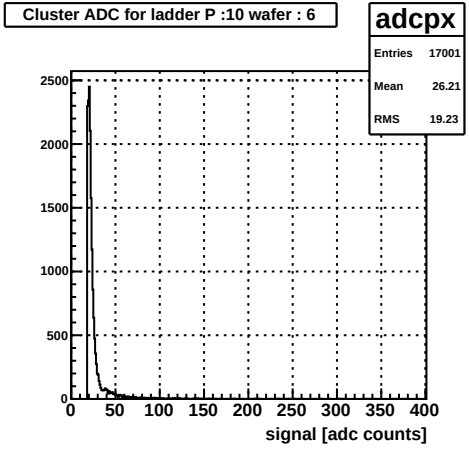

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 9866
Mean 27.18
RMS 23.25
signal [adc counts]

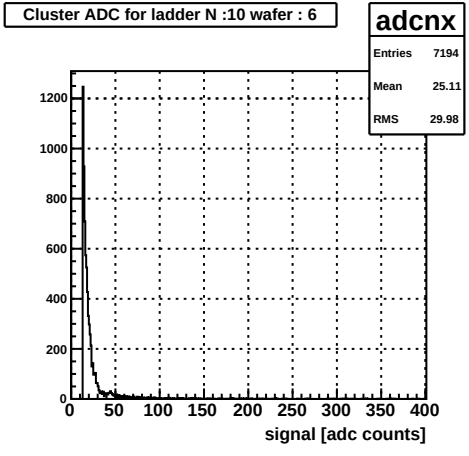

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2645
Mean 30
RMS 36.49
signal [adc counts]

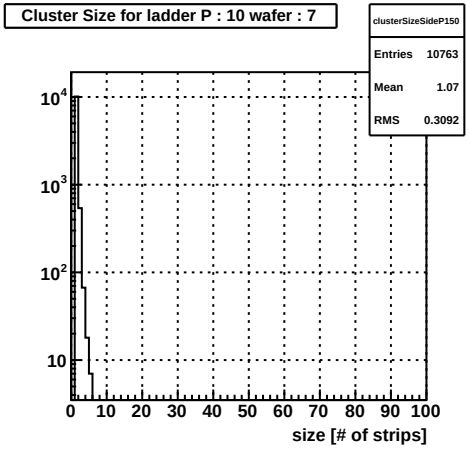

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 17001
Mean 1.058
RMS 0.2572
size [# of strips]

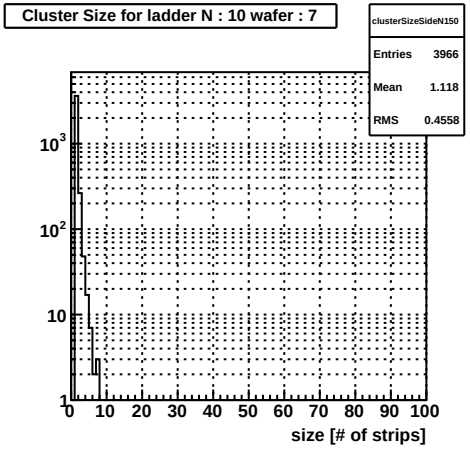

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 7194
Mean 1.123
RMS 0.4941
size [# of strips]

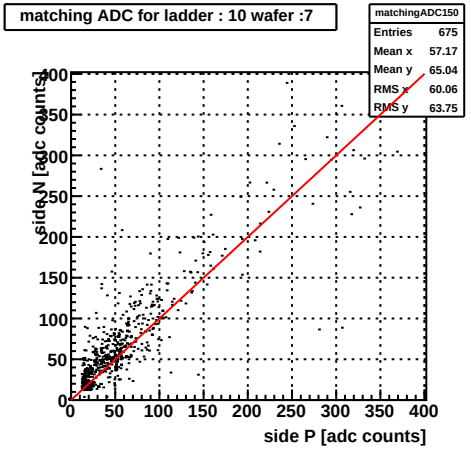

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1276
Mean x 40.97
Mean y 38.27
RMS x 46.35
RMS y 44.72
side N [adc counts]
side P [adc counts]

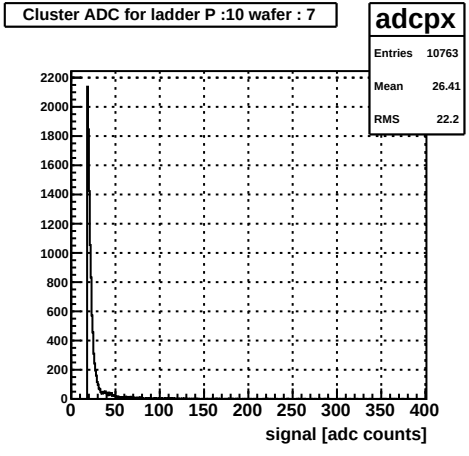

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 17001
Mean 26.21
RMS 19.23
signal [adc counts]

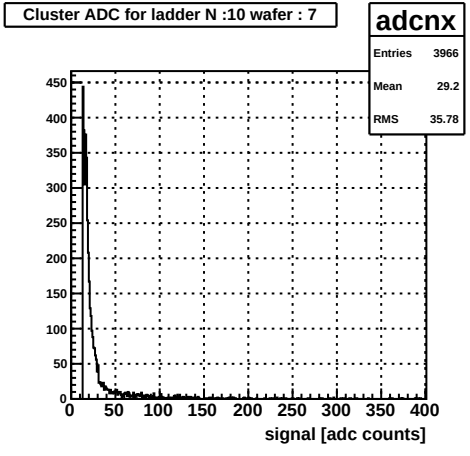

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 7194
Mean 25.11
RMS 29.98
signal [adc counts]

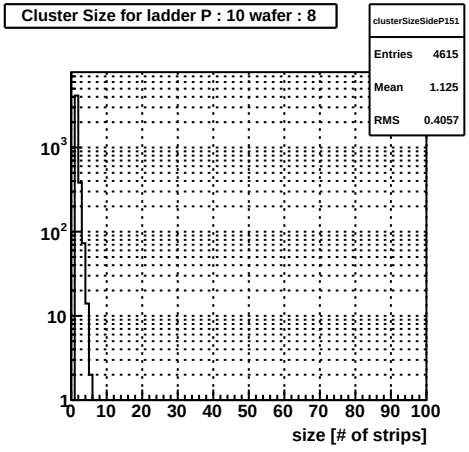

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10763
Mean 1.07
RMS 0.3092
size [# of strips]

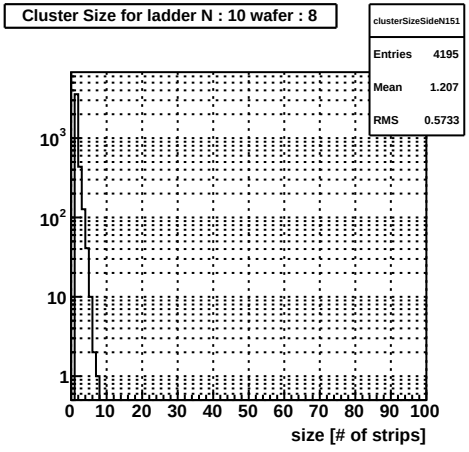

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3966
Mean 1.118
RMS 0.4558
size [# of strips]

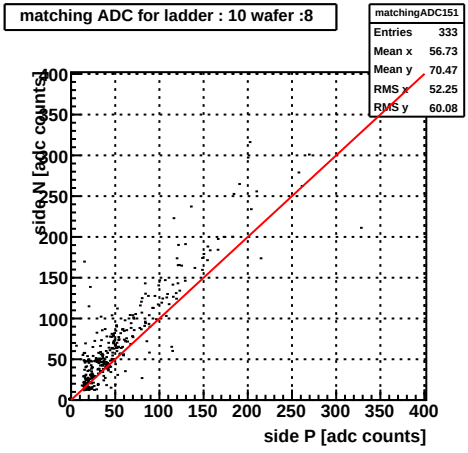

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 675
Mean x 57.17
Mean y 65.04
RMS x 60.06
RMS y 63.75
side N [adc counts]
side P [adc counts]

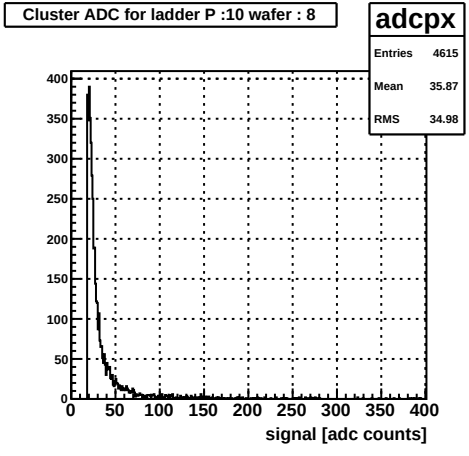

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10763
Mean 26.41
RMS 22.2
signal [adc counts]

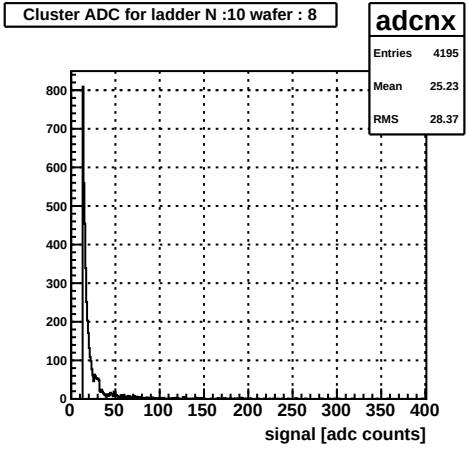

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3966
Mean 29.2
RMS 35.78
signal [adc counts]

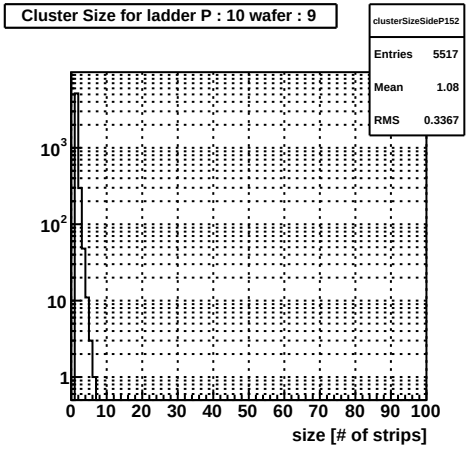

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4615
Mean 1.125
RMS 0.4057
size [# of strips]

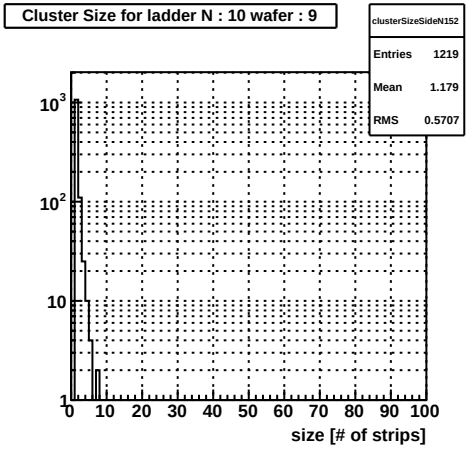

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4195
Mean 1.207
RMS 0.5733
size [# of strips]

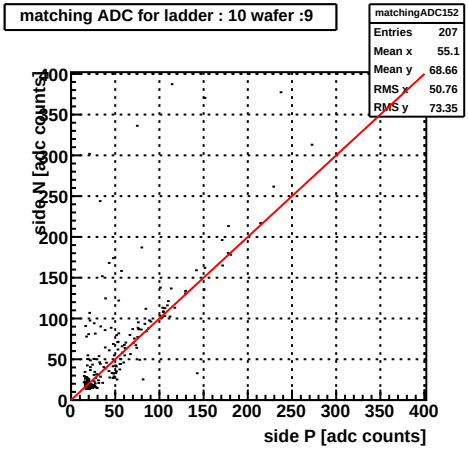

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 333
Mean x 56.73
Mean y 70.47
RMS x 52.25
RMS y 60.08
side N [adc counts]
side P [adc counts]

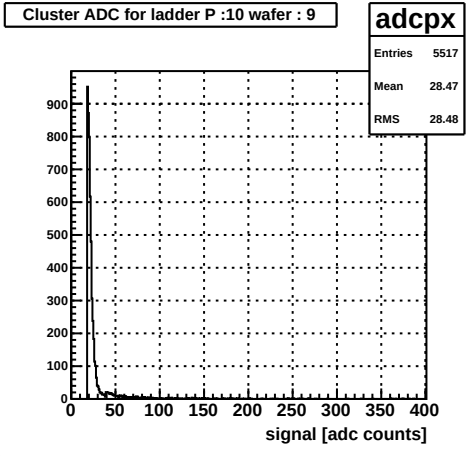

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4615
Mean 35.87
RMS 34.98
signal [adc counts]

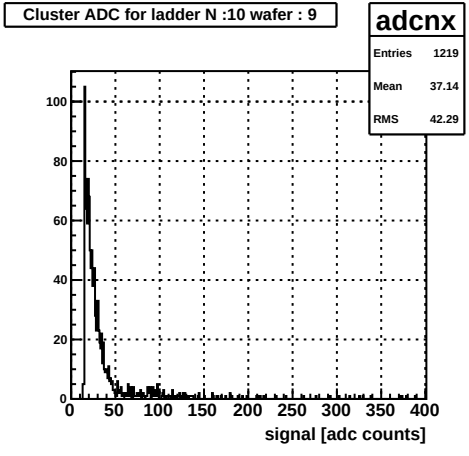

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4195
Mean 25.23
RMS 28.37
signal [adc counts]

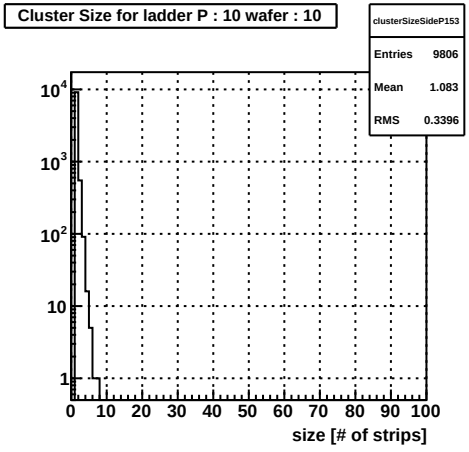

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 5517
Mean 1.08
RMS 0.3367
size [# of strips]

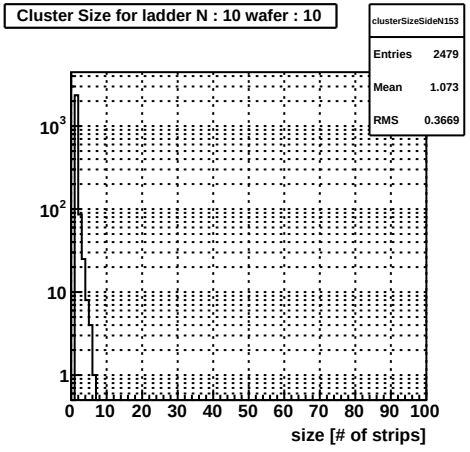

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1219
Mean 1.179
RMS 0.5707
size [# of strips]

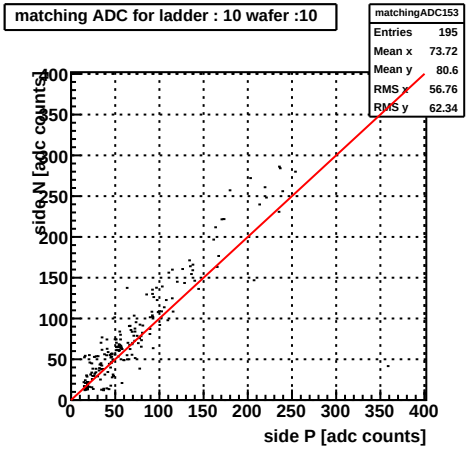

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 207
Mean x 55.1
Mean y 68.66
RMS x 50.76
RMS y 73.35
side N [adc counts]
side P [adc counts]

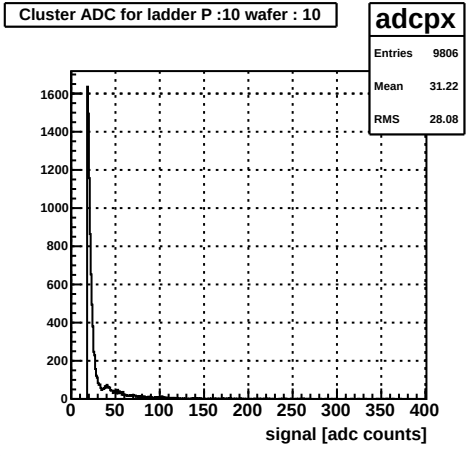

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 5517
Mean 28.47
RMS 28.48
signal [adc counts]

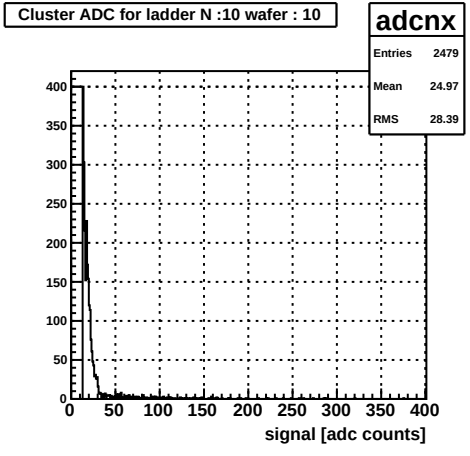

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1219
Mean 37.14
RMS 42.29
signal [adc counts]

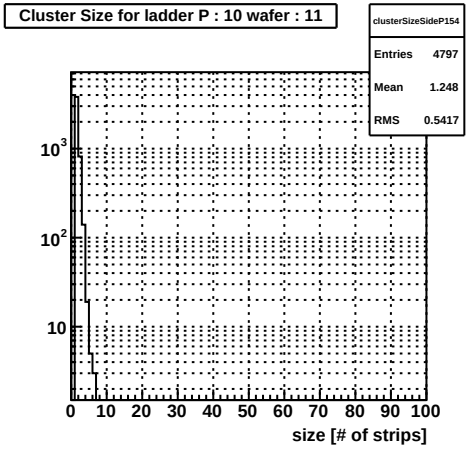

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 9806
Mean 1.083
RMS 0.3396
size [# of strips]

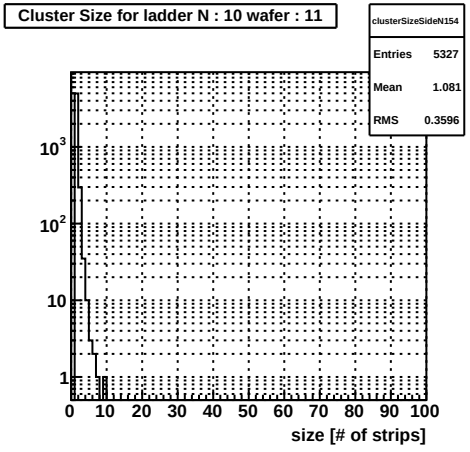

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2479
Mean 1.073
RMS 0.3669
size [# of strips]

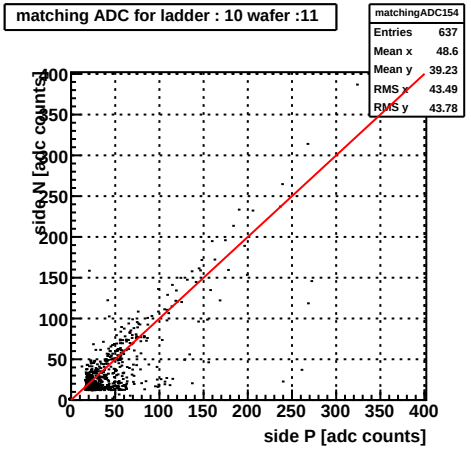

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 195
Mean x 73.72
Mean y 80.6
RMS x 56.76
RMS y 62.34
side N [adc counts]
side P [adc counts]

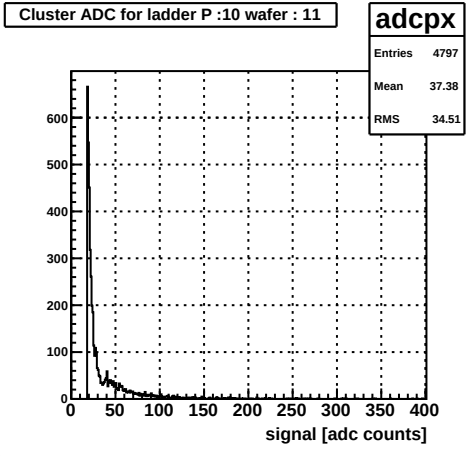

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 9806
Mean 31.22
RMS 28.08
signal [adc counts]

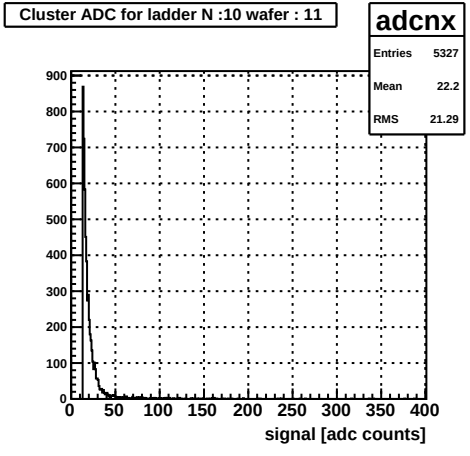

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2479
Mean 24.97
RMS 28.39
signal [adc counts]

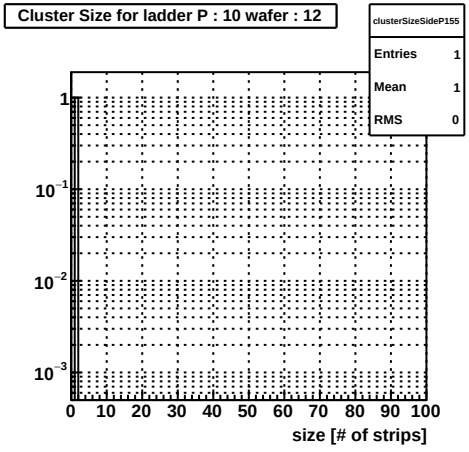

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4797
Mean 1.248
RMS 0.5417
size [# of strips]

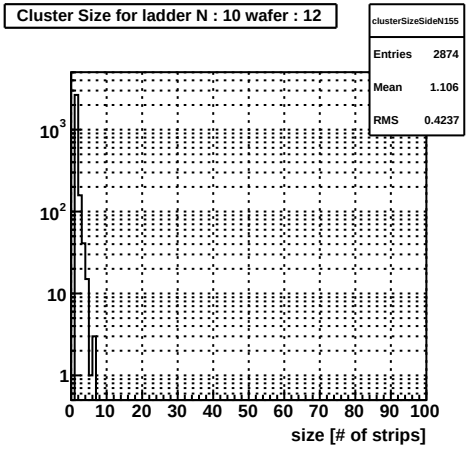

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5327
Mean 1.081
RMS 0.3596
size [# of strips]

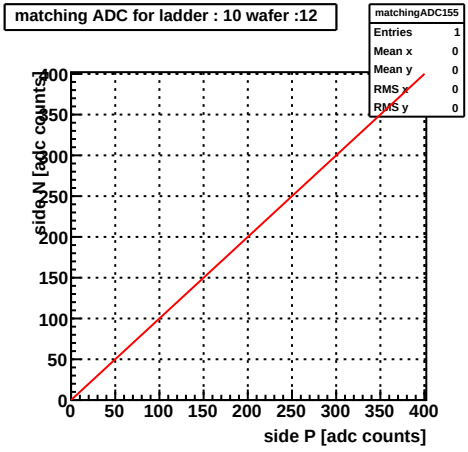

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 637
Mean x 48.6
Mean y 39.23
RMS x 43.49
RMS y 43.78
side N [adc counts]
side P [adc counts]

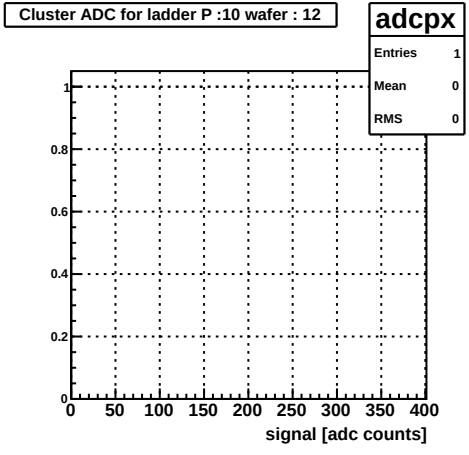

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4797
Mean 37.38
RMS 34.51
signal [adc counts]

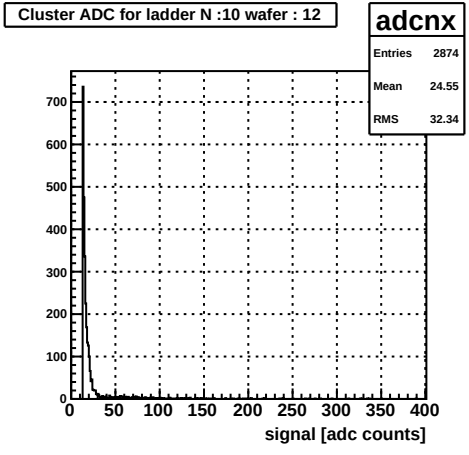

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5327
Mean 22.2
RMS 21.29
signal [adc counts]

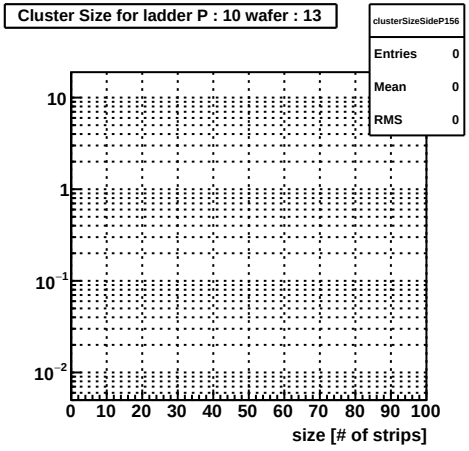

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

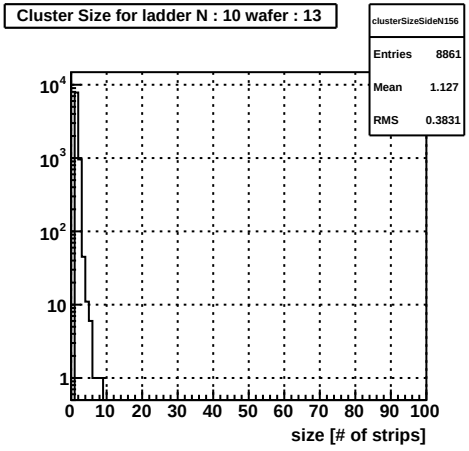

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2874
Mean 1.106
RMS 0.4237
size [# of strips]

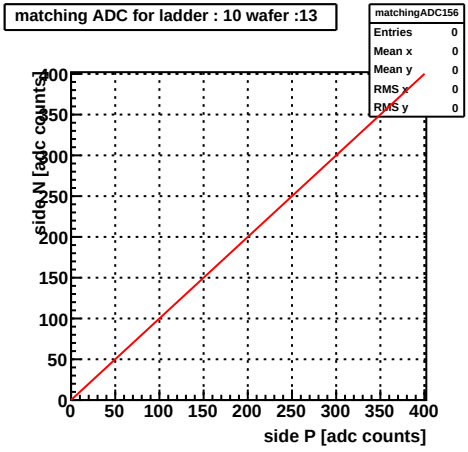

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

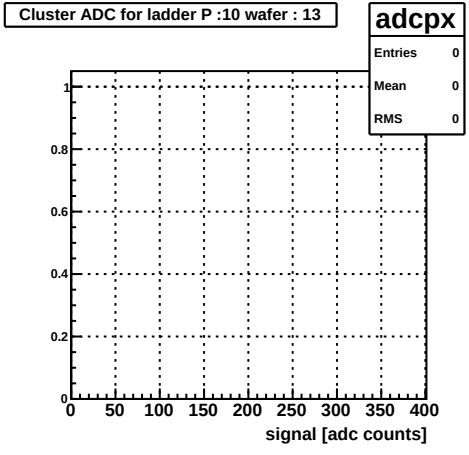

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

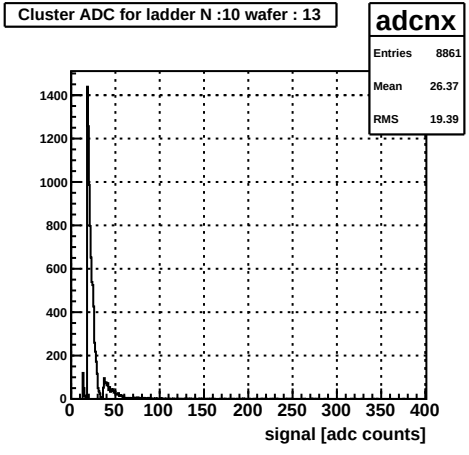

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2874
Mean 24.55
RMS 32.34
signal [adc counts]

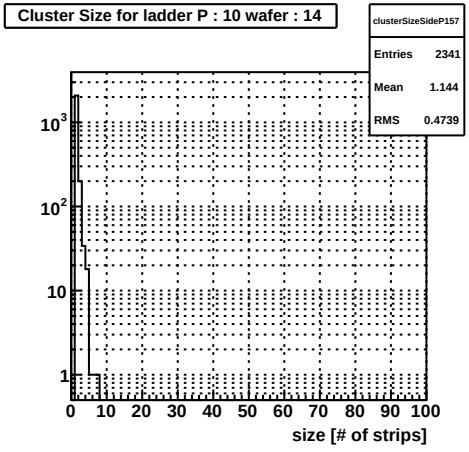

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

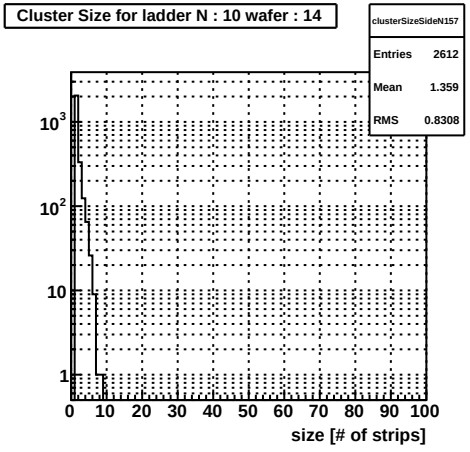

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 8861
Mean 1.127
RMS 0.3831
size [# of strips]

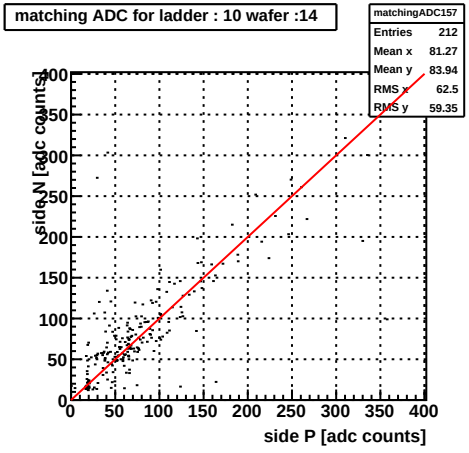

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

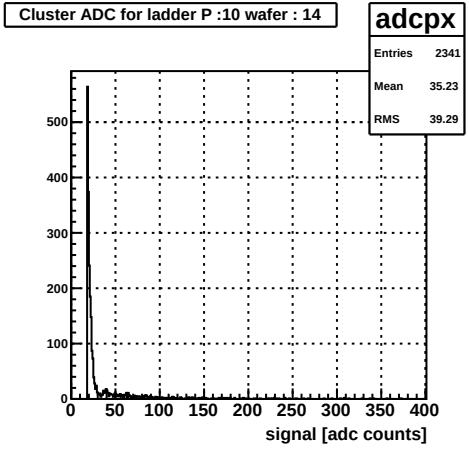

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

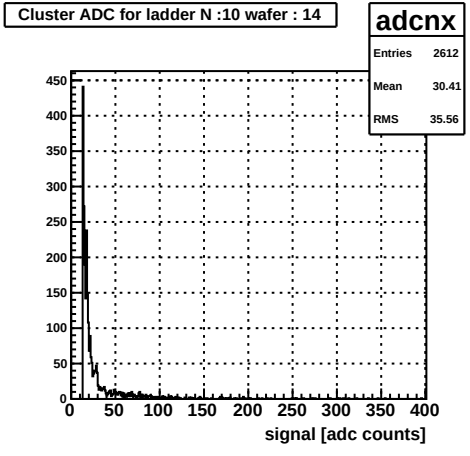

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 8861
Mean 26.37
RMS 19.39
signal [adc counts]

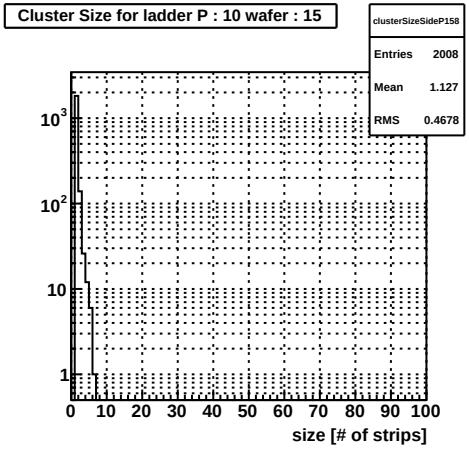

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2341
Mean 1.144
RMS 0.4739
size [# of strips]

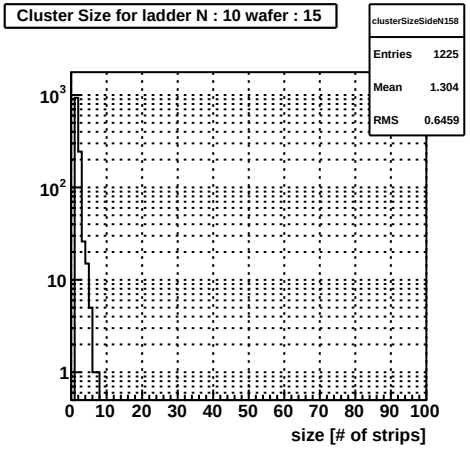

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2612
Mean 1.359
RMS 0.8308
size [# of strips]

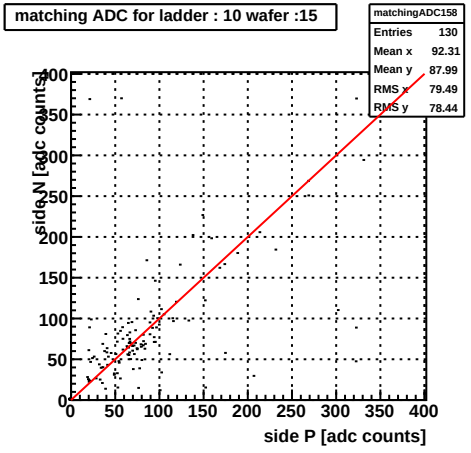

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 212
Mean x 81.27
Mean y 83.94
RMS x 62.5
RMS y 59.35
side N [adc counts]
side P [adc counts]

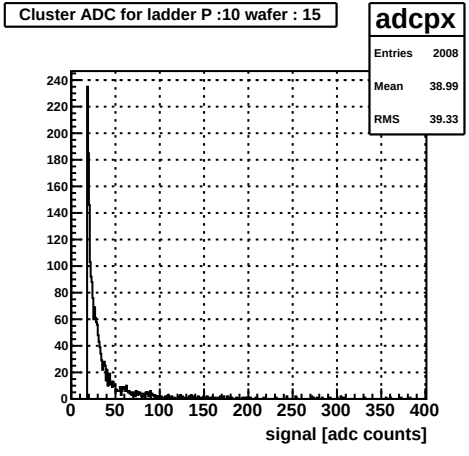

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2341
Mean 35.23
RMS 39.29
signal [adc counts]

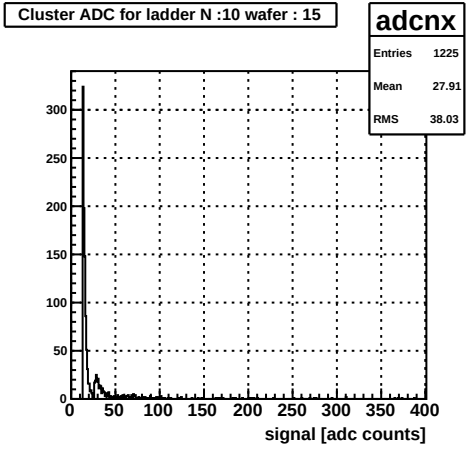

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2612
Mean 30.41
RMS 35.56
signal [adc counts]

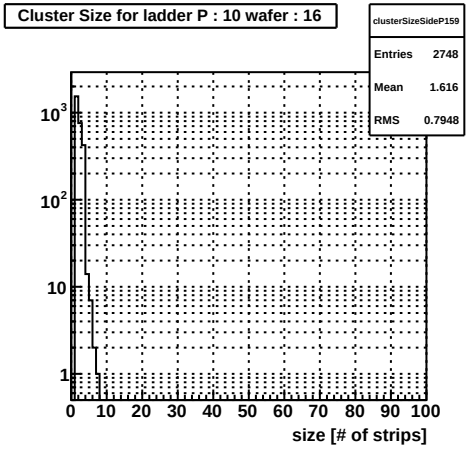

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2008
Mean 1.127
RMS 0.4678
size [# of strips]

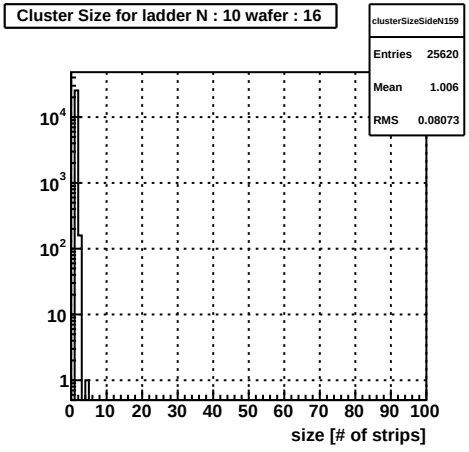

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1225
Mean 1.304
RMS 0.6459
size [# of strips]

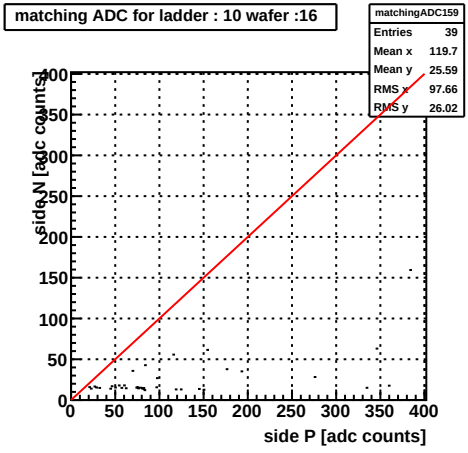

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 130
Mean x 92.31
Mean y 87.99
RMS x 79.49
RMS y 78.44
side N [adc counts]
side P [adc counts]

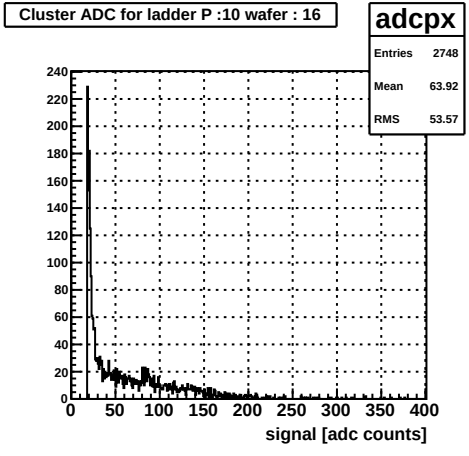

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2008
Mean 38.99
RMS 39.33
signal [adc counts]

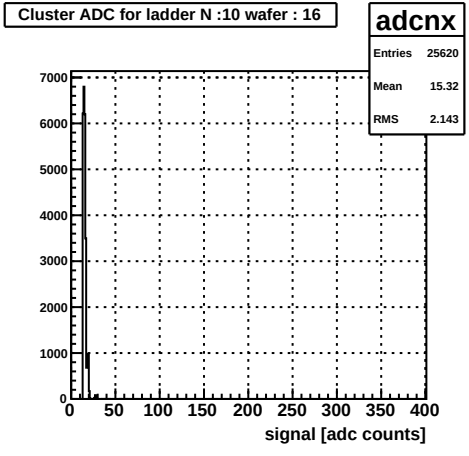

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1225
Mean 27.91
RMS 38.03
signal [adc counts]

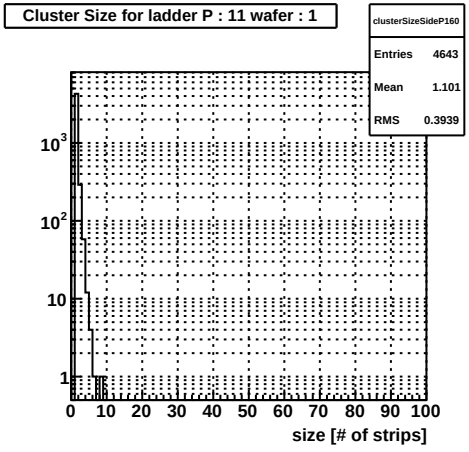

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2748
Mean 1.616
RMS 0.7948
size [# of strips]

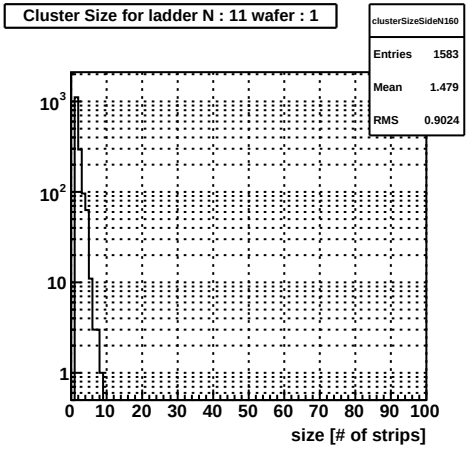

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 25620
Mean 1.006
RMS 0.08073
size [# of strips]

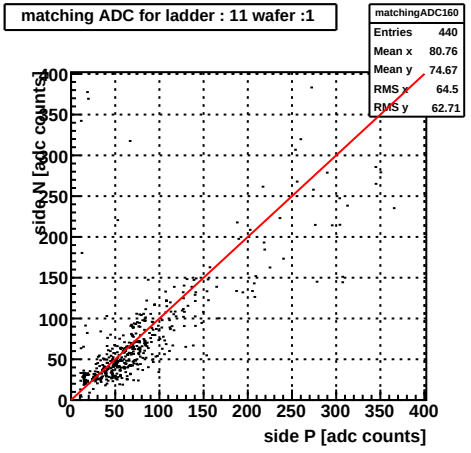

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 39
Mean x 119.7
Mean y 25.59
RMS x 97.66
RMS y 26.02
side N [adc counts]
side P [adc counts]

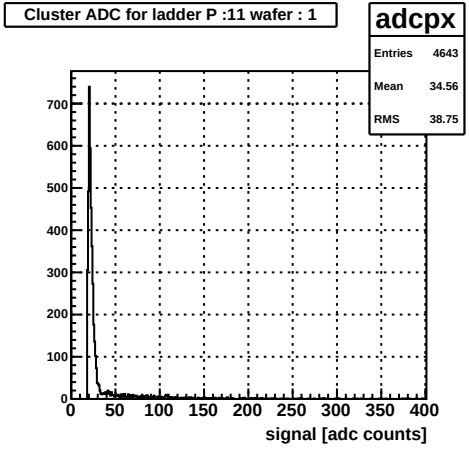

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2748
Mean 63.92
RMS 53.57
signal [adc counts]

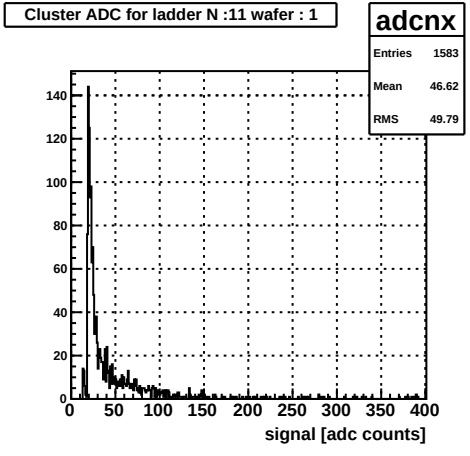

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 25620
Mean 15.32
RMS 2.143
signal [adc counts]

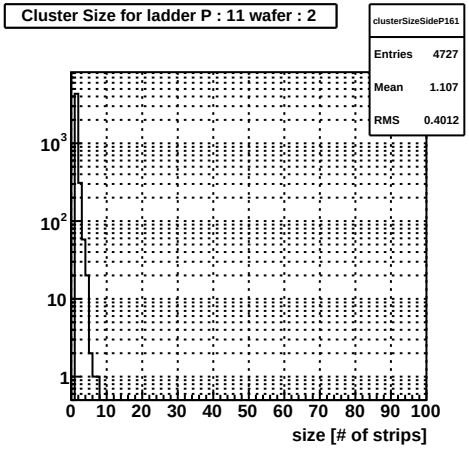

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4643
Mean 1.101
RMS 0.3939
size [# of strips]

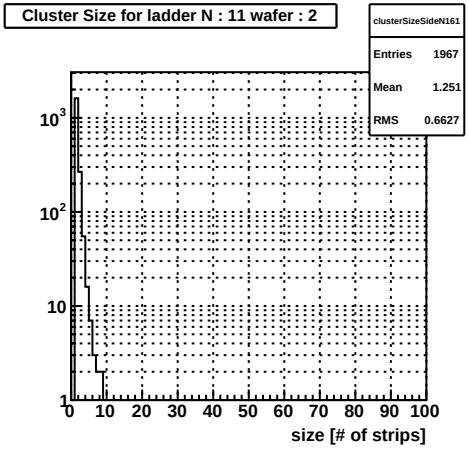

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1583
Mean 1.479
RMS 0.9024
size [# of strips]

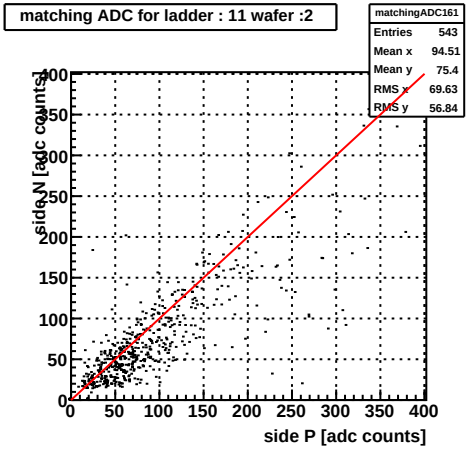

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 440
Mean x 80.76
Mean y 74.67
RMS x 64.5
RMS y 62.71
side N [adc counts]
side P [adc counts]

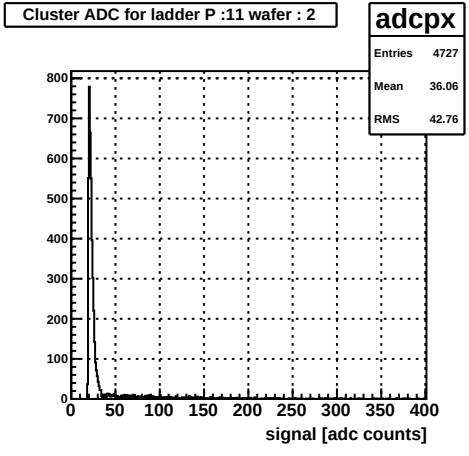

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4643
Mean 34.56
RMS 38.75
signal [adc counts]

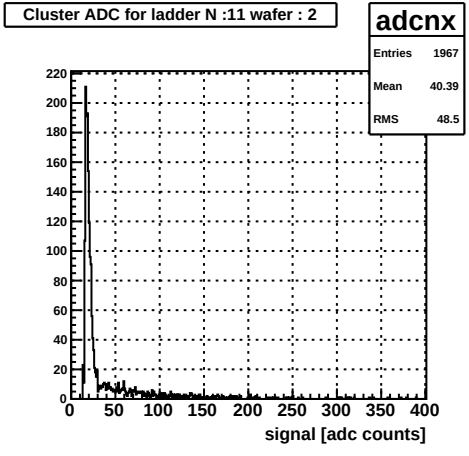

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1583
Mean 46.62
RMS 49.79
signal [adc counts]

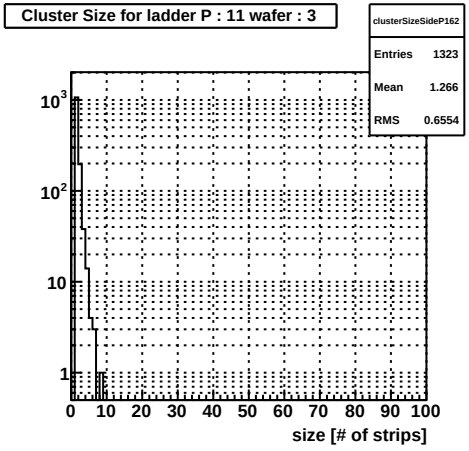

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4727
Mean 1.107
RMS 0.4012
size [# of strips]

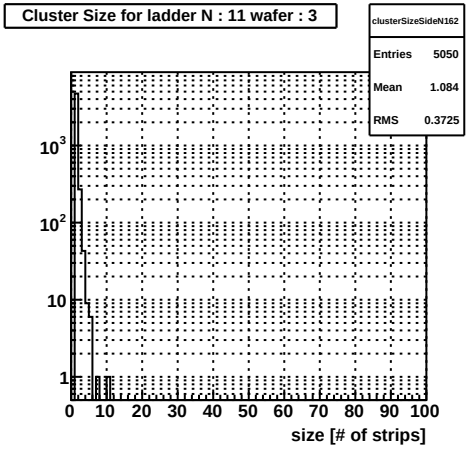

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1967
Mean 1.251
RMS 0.6627
size [# of strips]

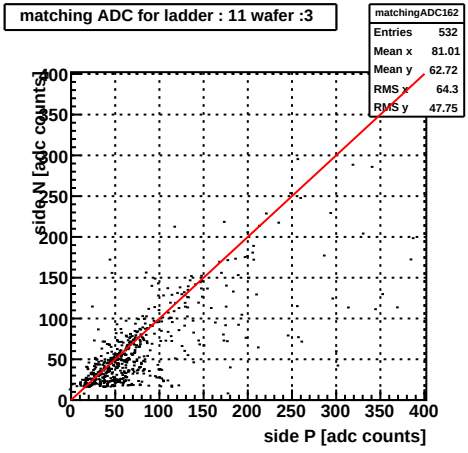

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 543
Mean x 94.51
Mean y 75.4
RMS x 69.63
RMS y 56.84
side N [adc counts]
side P [adc counts]

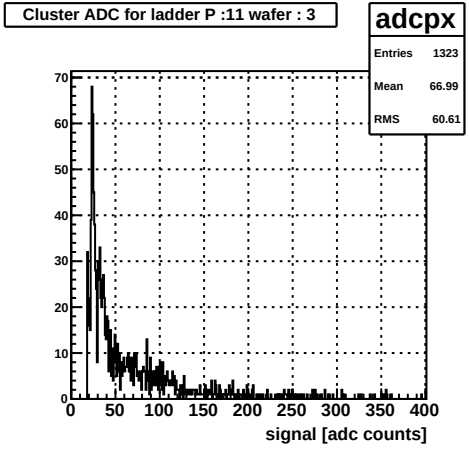

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4727
Mean 36.06
RMS 42.76
signal [adc counts]

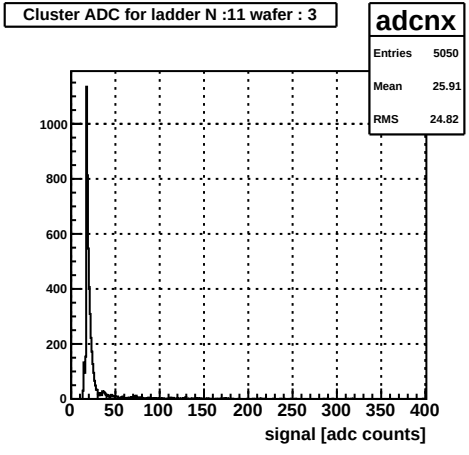

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1967
Mean 40.39
RMS 48.5
signal [adc counts]

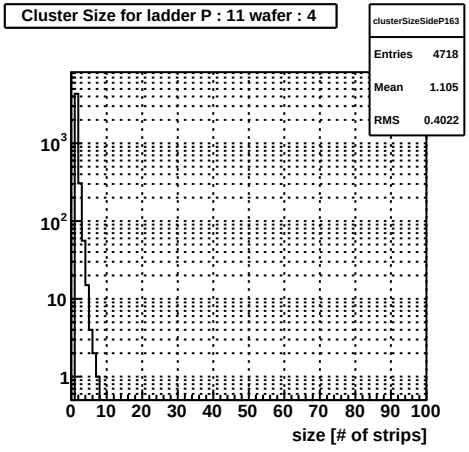

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1323
Mean 1.266
RMS 0.6554
size [# of strips]

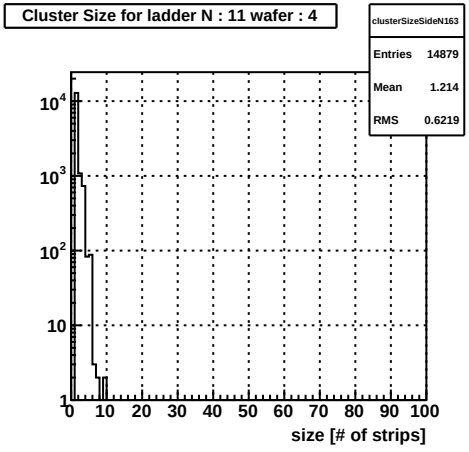

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5050
Mean 1.084
RMS 0.3725
size [# of strips]

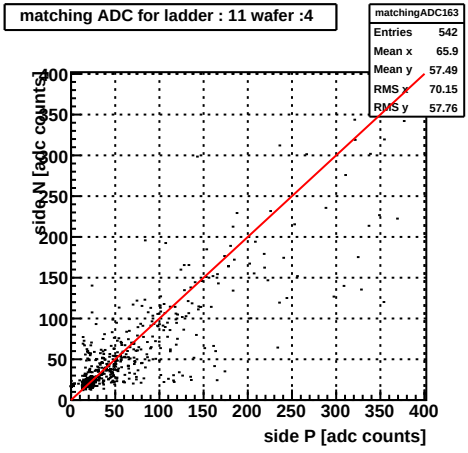

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 532
Mean x 81.01
Mean y 62.72
RMS x 64.3
RMS y 47.75
side N [adc counts]
side P [adc counts]

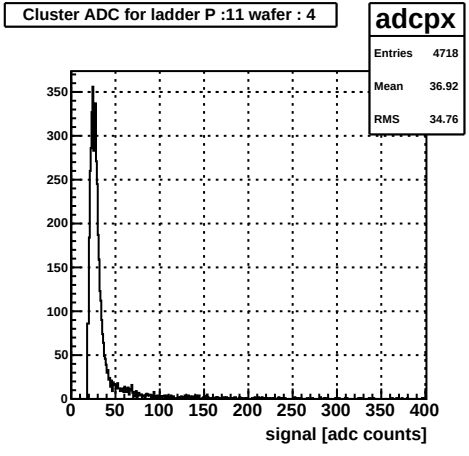

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1323
Mean 66.99
RMS 60.61
signal [adc counts]

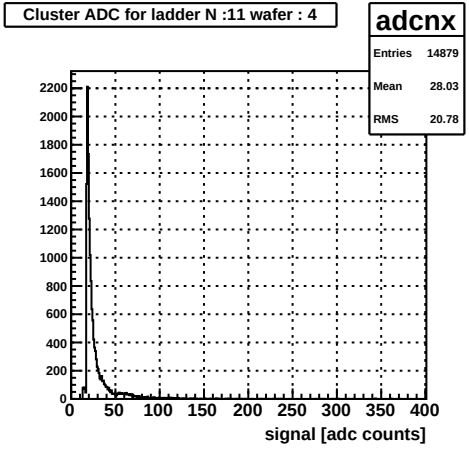

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5050
Mean 25.91
RMS 24.82
signal [adc counts]

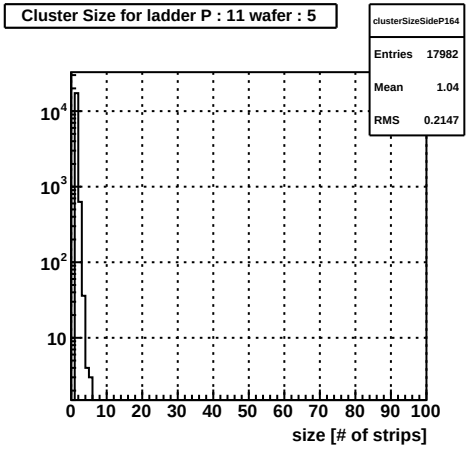

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4718
Mean 1.105
RMS 0.4022
size [# of strips]

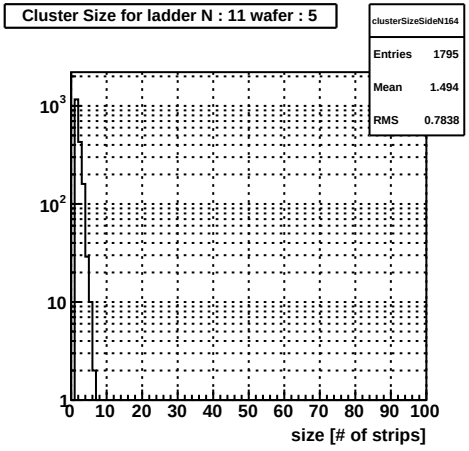

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 14879
Mean 1.214
RMS 0.6219
size [# of strips]

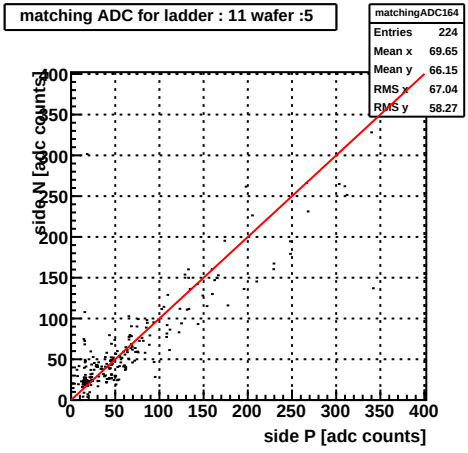

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 542
Mean x 65.9
Mean y 57.49
RMS x 70.15
RMS y 57.76
side N [adc counts]
side P [adc counts]

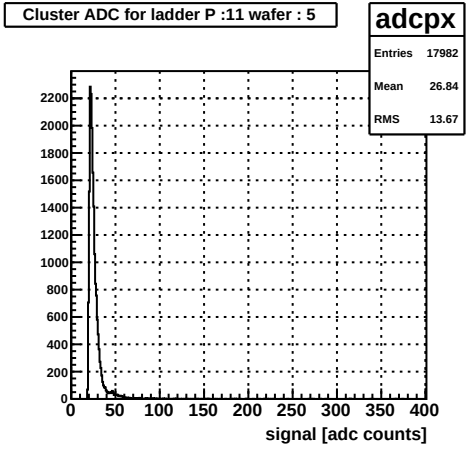

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4718
Mean 36.92
RMS 34.76
signal [adc counts]

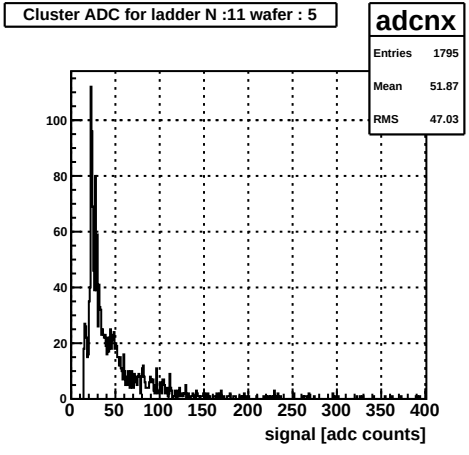

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 14879
Mean 28.03
RMS 20.78
signal [adc counts]

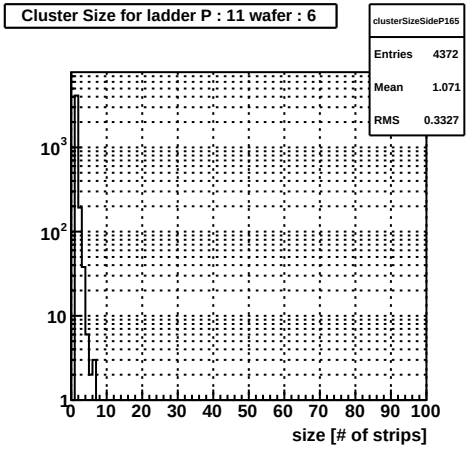

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 17982
Mean 1.04
RMS 0.2147
size [# of strips]

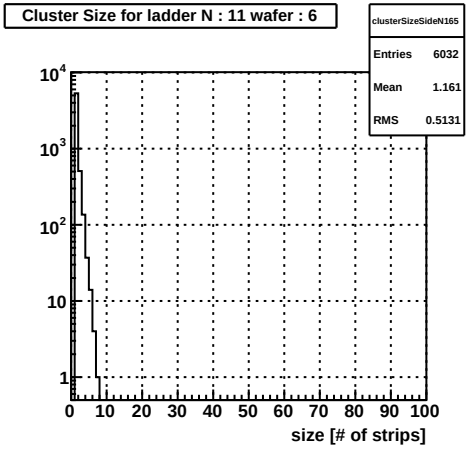

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1795
Mean 1.494
RMS 0.7838
size [# of strips]

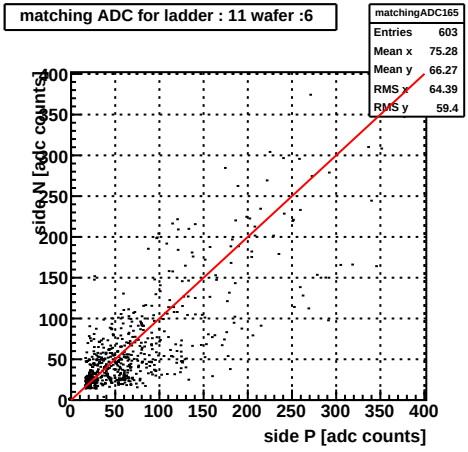

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 224
Mean x 69.65
Mean y 66.15
RMS x 67.04
RMS y 58.27
side N [adc counts]
side P [adc counts]

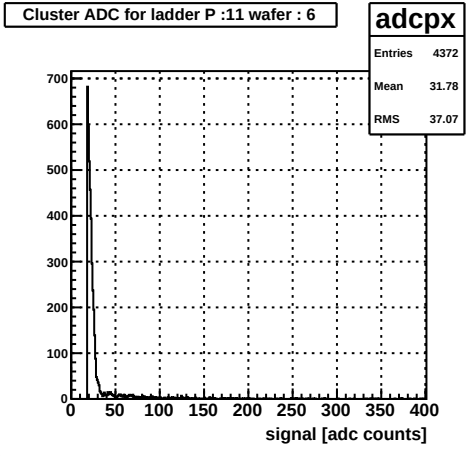

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 17982
Mean 26.84
RMS 13.67
signal [adc counts]

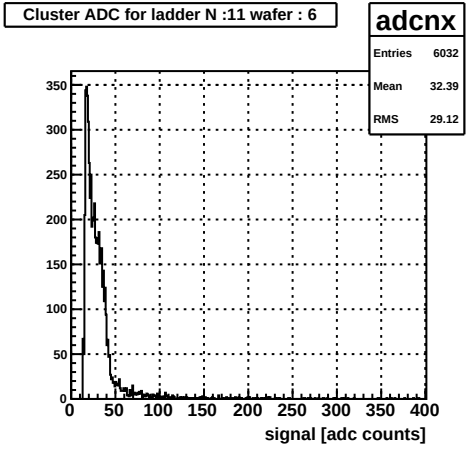

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1795
Mean 51.87
RMS 47.03
signal [adc counts]

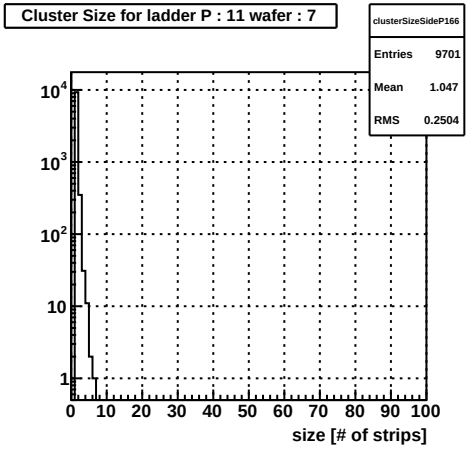

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4372
Mean 1.071
RMS 0.3327
size [# of strips]

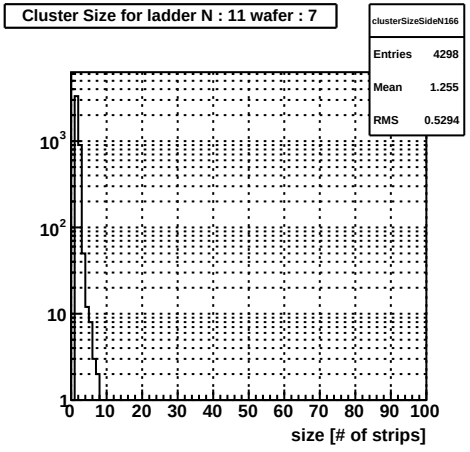

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6032
Mean 1.161
RMS 0.5131
size [# of strips]

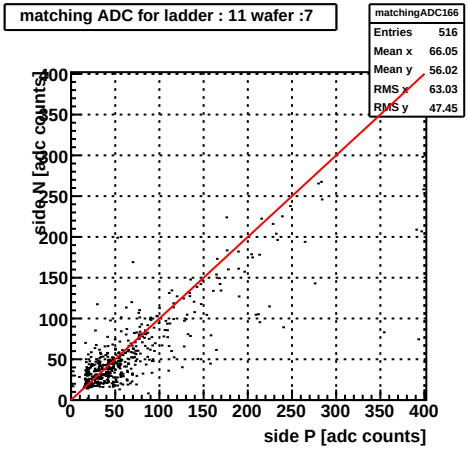

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 603
Mean x 75.28
Mean y 66.27
RMS x 64.39
RMS y 59.4
side N [adc counts]
side P [adc counts]

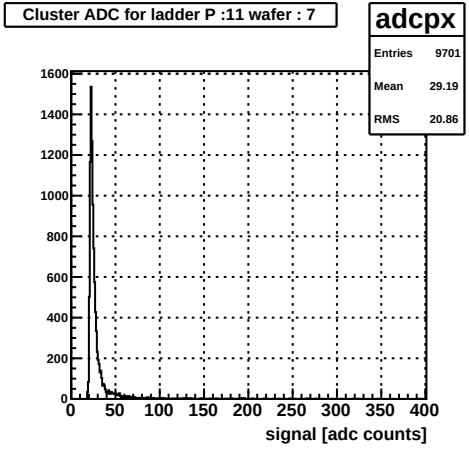

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4372
Mean 31.78
RMS 37.07
signal [adc counts]

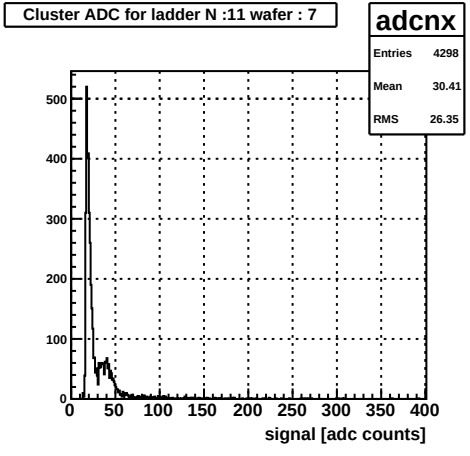

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6032
Mean 32.39
RMS 29.12
signal [adc counts]

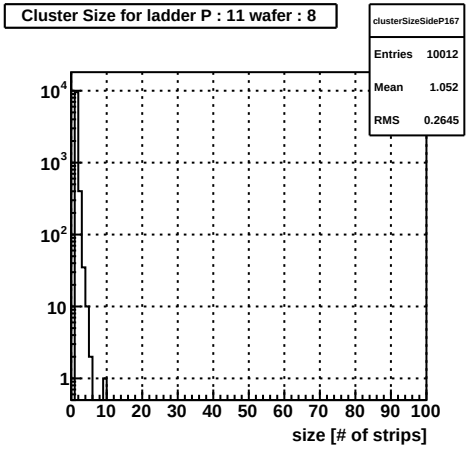

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9701
Mean 1.047
RMS 0.2504
size [# of strips]

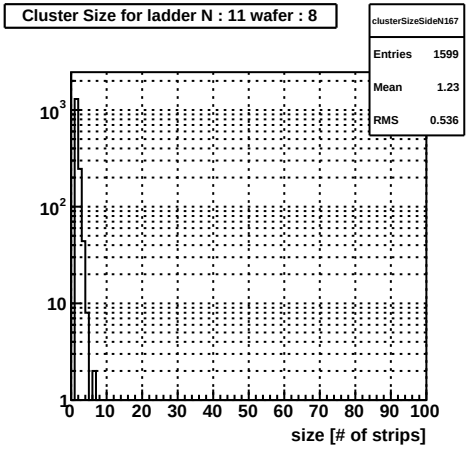

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4298
Mean 1.255
RMS 0.5294
size [# of strips]

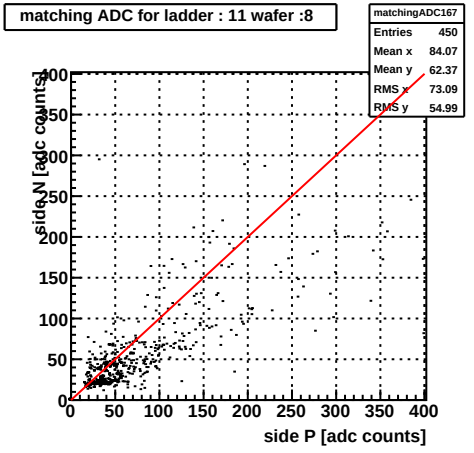

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 516
Mean x 66.05
Mean y 56.02
RMS x 63.03
RMS y 47.45
side N [adc counts]
side P [adc counts]

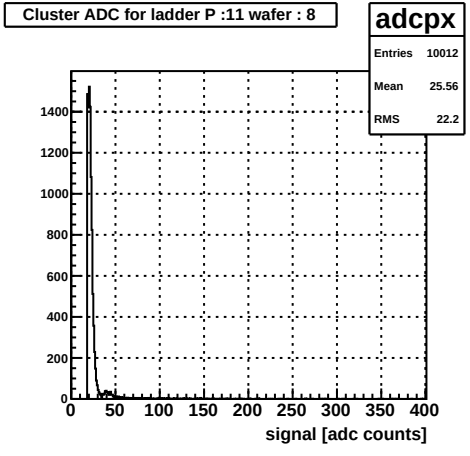

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9701
Mean 29.19
RMS 20.86
signal [adc counts]

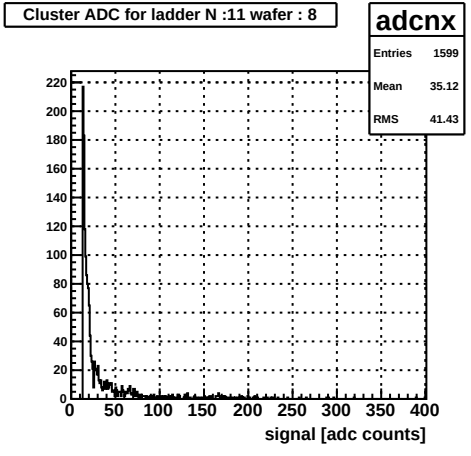

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4298
Mean 30.41
RMS 26.35
signal [adc counts]

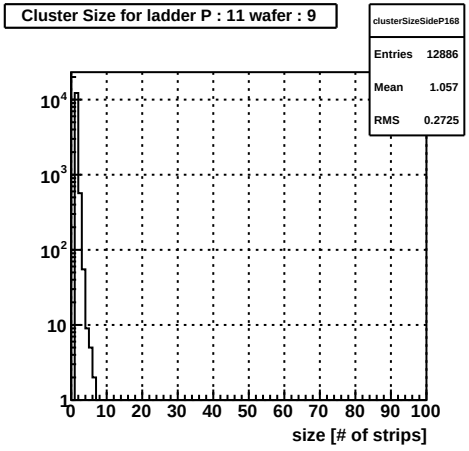

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10012
Mean 1.052
RMS 0.2645
size [# of strips]

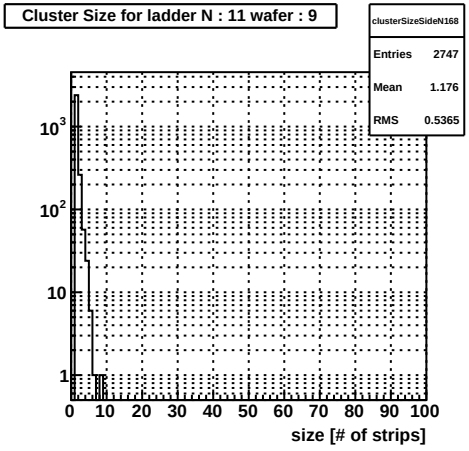

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1599
Mean 1.23
RMS 0.536
size [# of strips]

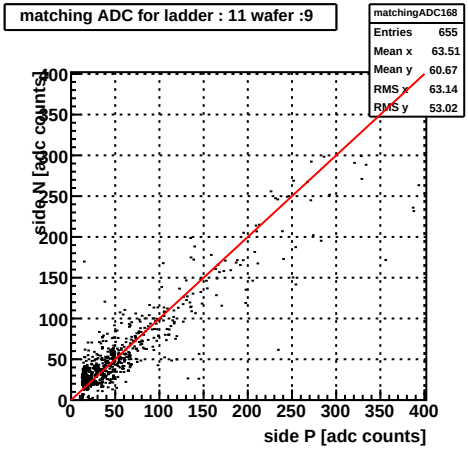

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 450
Mean x 84.07
Mean y 62.37
RMS x 73.09
RMS y 54.99
side N [adc counts]
side P [adc counts]

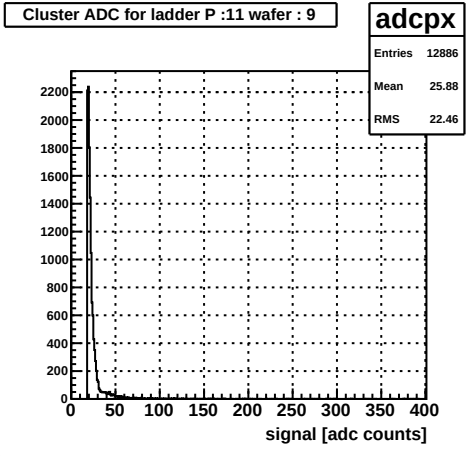

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10012
Mean 25.56
RMS 22.2
signal [adc counts]

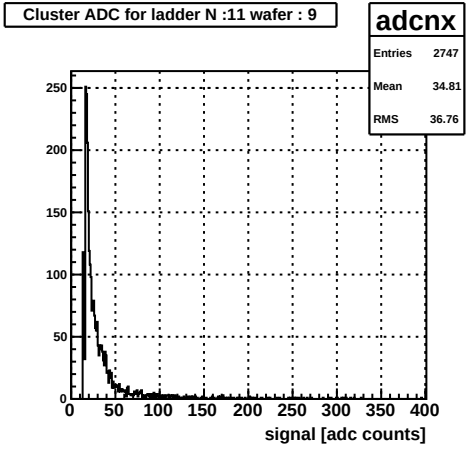

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1599
Mean 35.12
RMS 41.43
signal [adc counts]

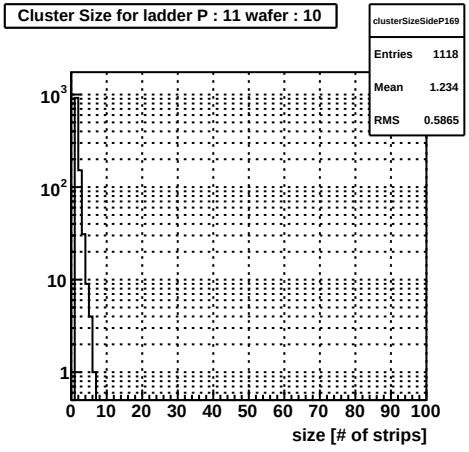

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 12886
Mean 1.057
RMS 0.2725
size [# of strips]

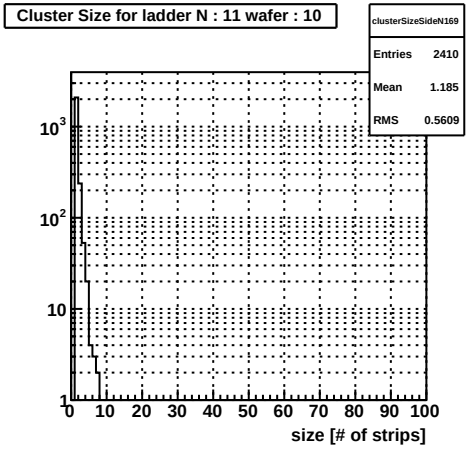

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2747
Mean 1.176
RMS 0.5365
size [# of strips]

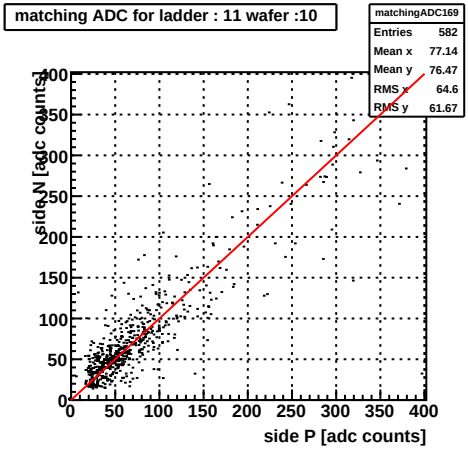

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 655
Mean x 63.51
Mean y 60.67
RMS x 63.14
RMS y 53.02
side N [adc counts]
side P [adc counts]

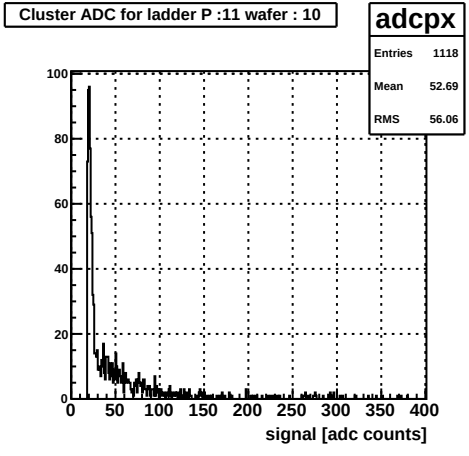

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 12886
Mean 25.88
RMS 22.46
signal [adc counts]

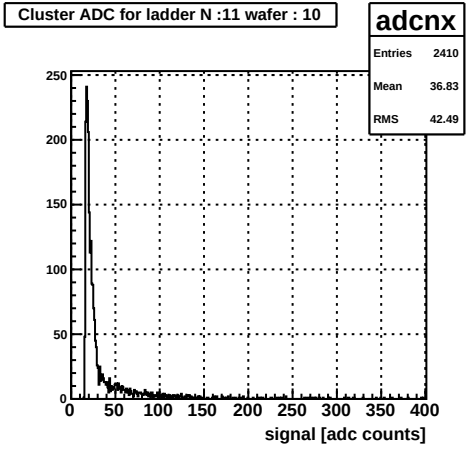

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2747
Mean 34.81
RMS 36.76
signal [adc counts]

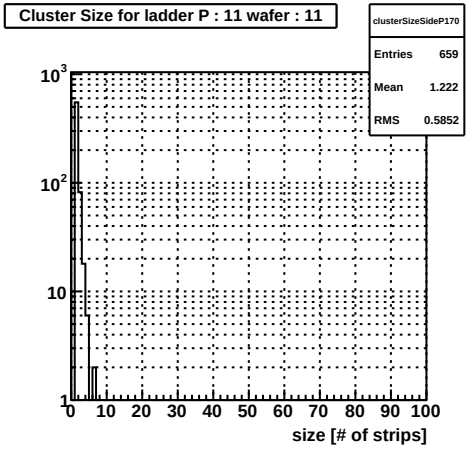

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1118
Mean 1.234
RMS 0.5865
size [# of strips]

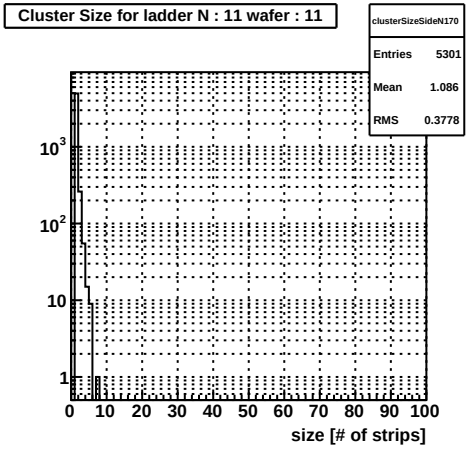

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2410
Mean 1.185
RMS 0.5609
size [# of strips]

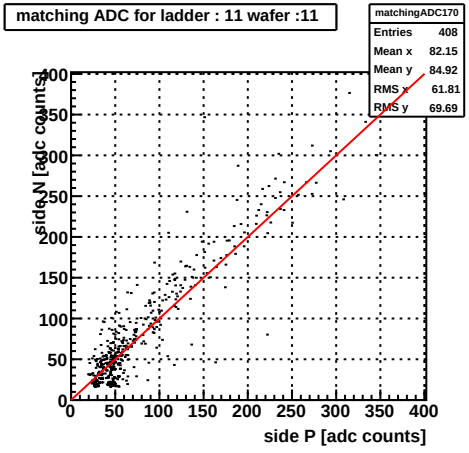

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 582
Mean x 77.14
Mean y 76.47
RMS x 64.6
RMS y 61.67
side N [adc counts]
side P [adc counts]

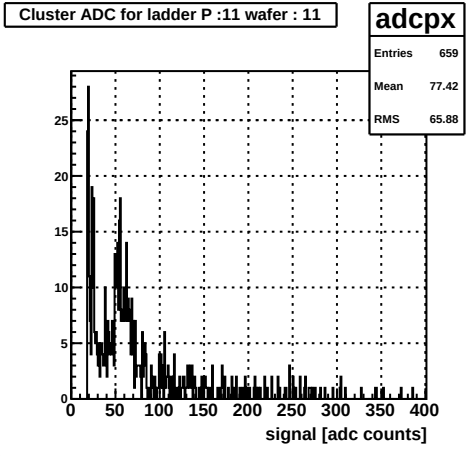

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1118
Mean 52.69
RMS 56.06
signal [adc counts]

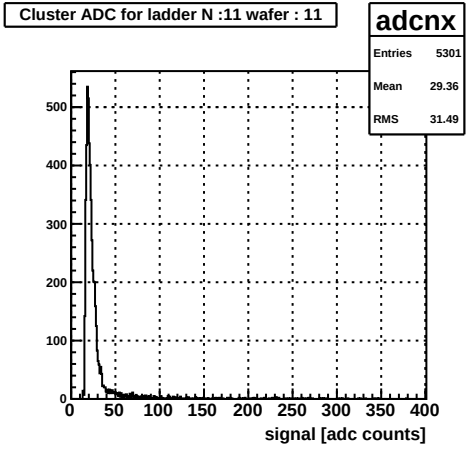

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2410
Mean 36.83
RMS 42.49
signal [adc counts]

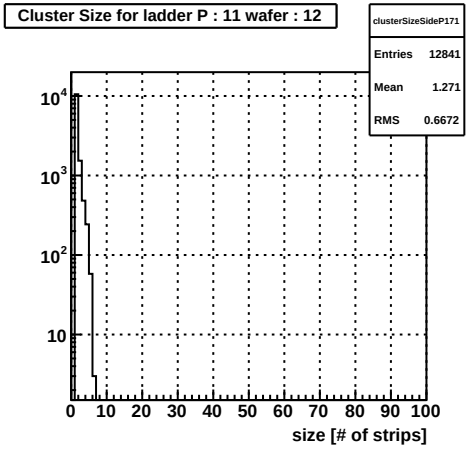

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 659
Mean 1.222
RMS 0.5852
size [# of strips]

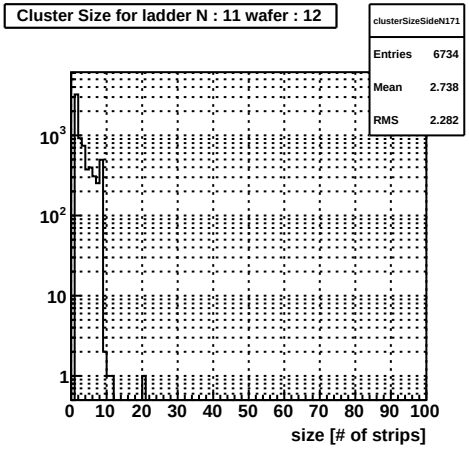

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5301
Mean 1.086
RMS 0.3778
size [# of strips]

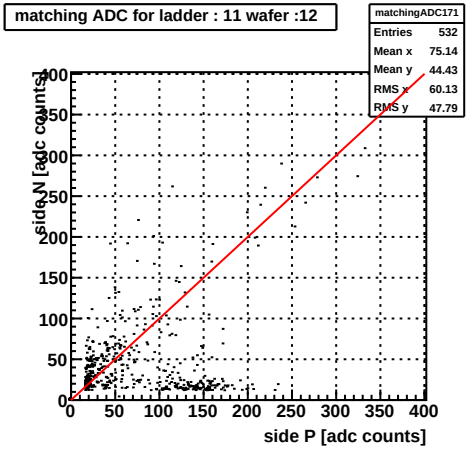

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 408
Mean x 82.15
Mean y 84.92
RMS x 61.81
RMS y 69.69
side N [adc counts]
side P [adc counts]

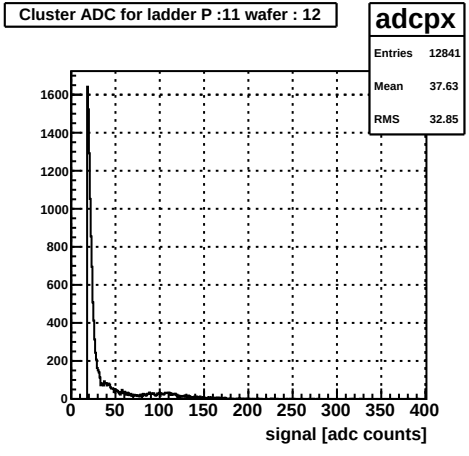

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 659
Mean 77.42
RMS 65.88
signal [adc counts]

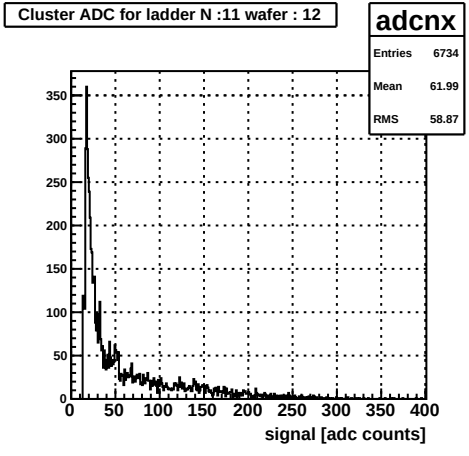

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5301
Mean 29.36
RMS 31.49
signal [adc counts]

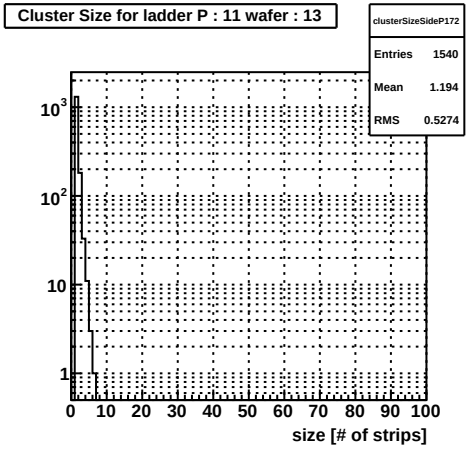

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12841
Mean 1.271
RMS 0.6672
size [# of strips]

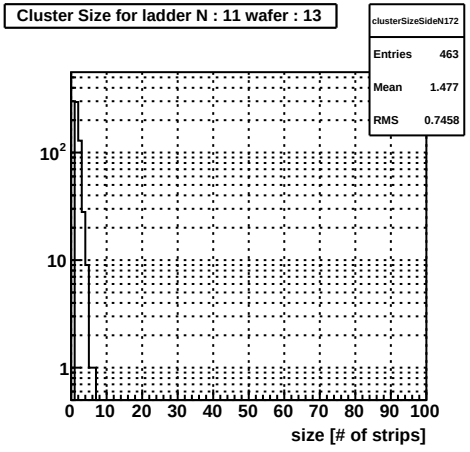

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 6734
Mean 2.738
RMS 2.282
size [# of strips]

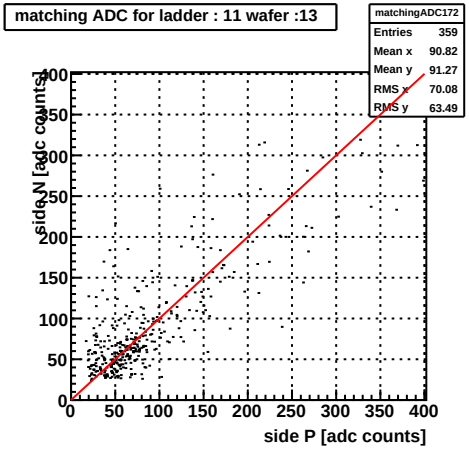

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 532
Mean x 75.14
Mean y 44.43
RMS x 60.13
RMS y 47.79
side N [adc counts]
side P [adc counts]

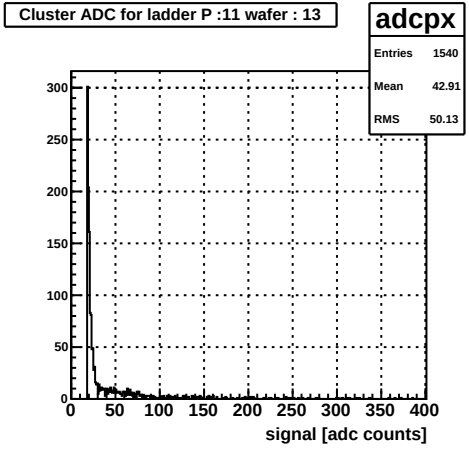

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12841
Mean 37.63
RMS 32.85
signal [adc counts]

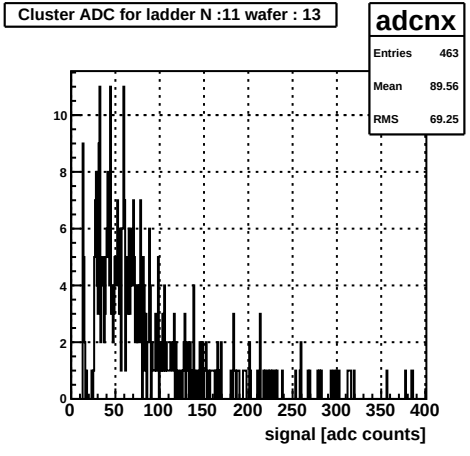

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 6734
Mean 61.99
RMS 58.87
signal [adc counts]

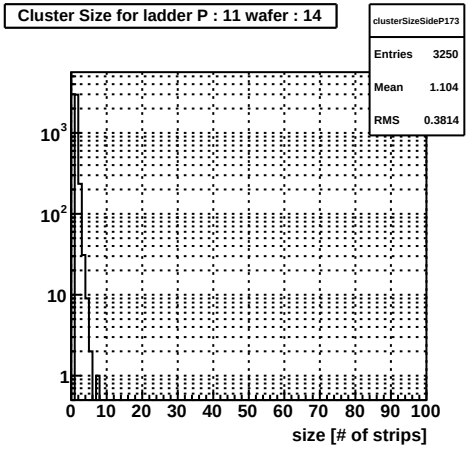

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1540
Mean 1.194
RMS 0.5274
size [# of strips]

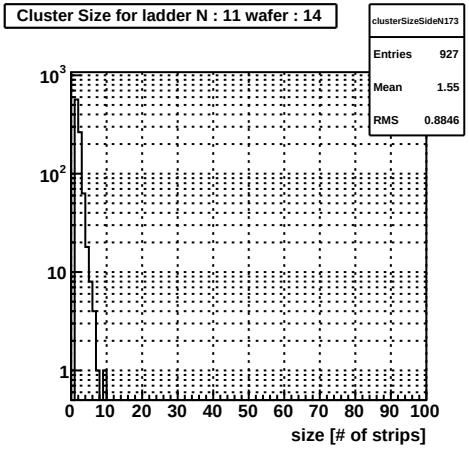

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 463
Mean 1.477
RMS 0.7458
size [# of strips]

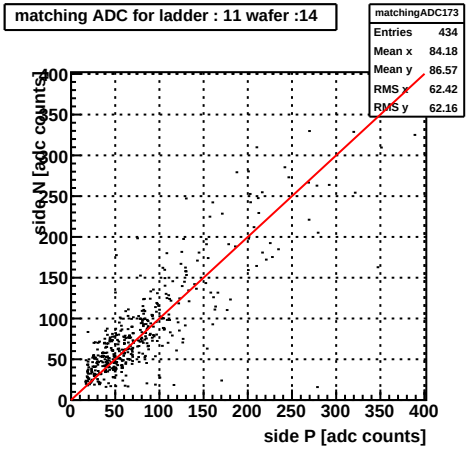

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 359
Mean x 90.82
Mean y 91.27
RMS x 70.08
RMS y 63.49
side N [adc counts]
side P [adc counts]

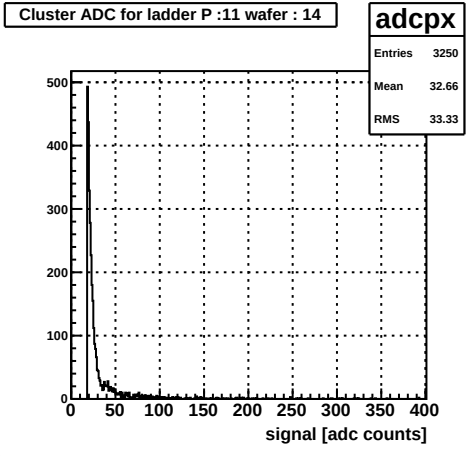

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1540
Mean 42.91
RMS 50.13
signal [adc counts]

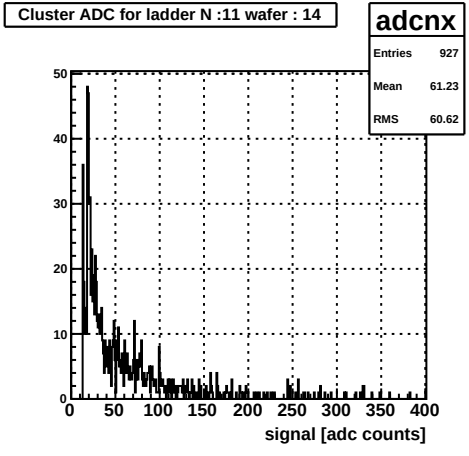

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 463
Mean 89.56
RMS 69.25
signal [adc counts]

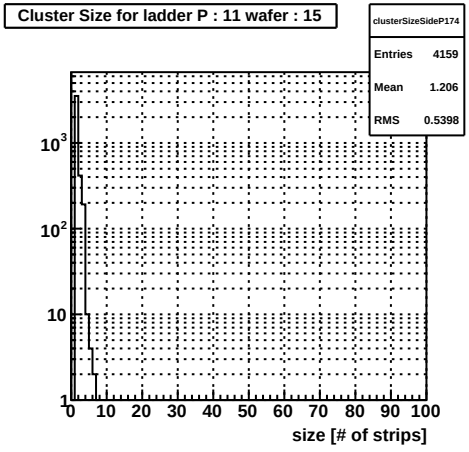

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3250
Mean 1.104
RMS 0.3814
size [# of strips]

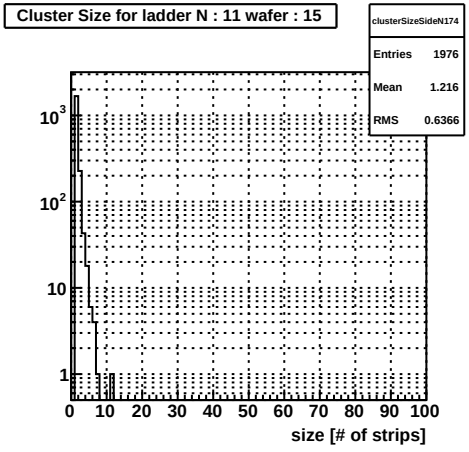

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 927
Mean 1.55
RMS 0.8846
size [# of strips]

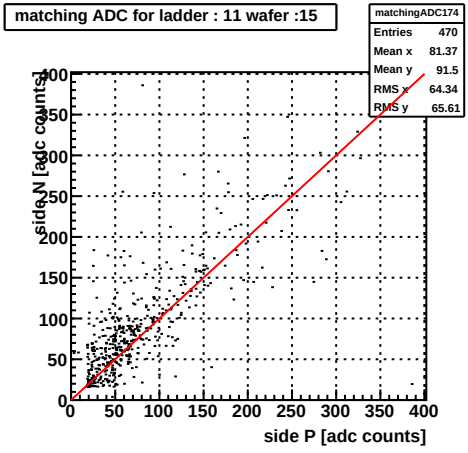

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 434
Mean x 84.18
Mean y 86.57
RMS x 62.42
RMS y 62.16
side N [adc counts]
side P [adc counts]

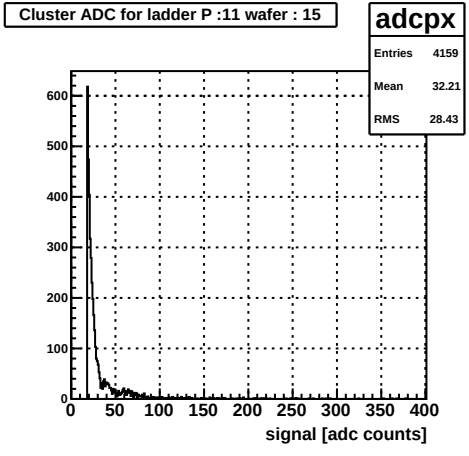

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3250
Mean 32.66
RMS 33.33
signal [adc counts]

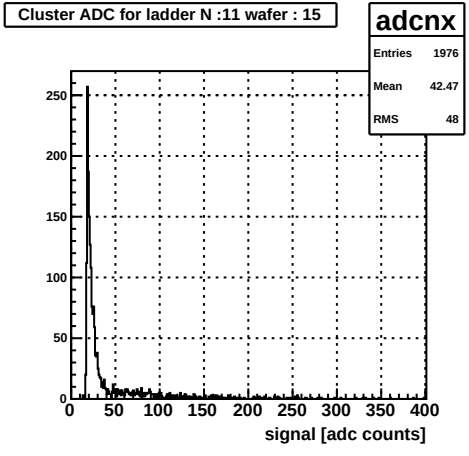

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 927
Mean 61.23
RMS 60.62
signal [adc counts]

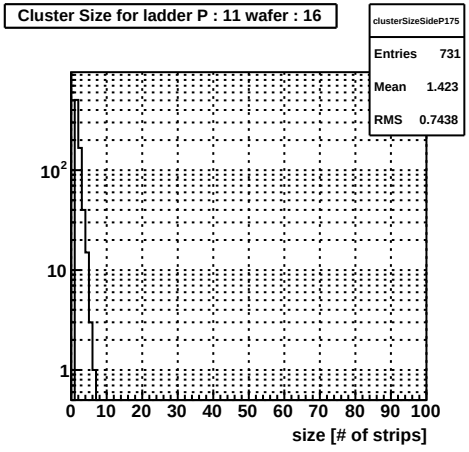

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4159
Mean 1.206
RMS 0.5398
size [# of strips]

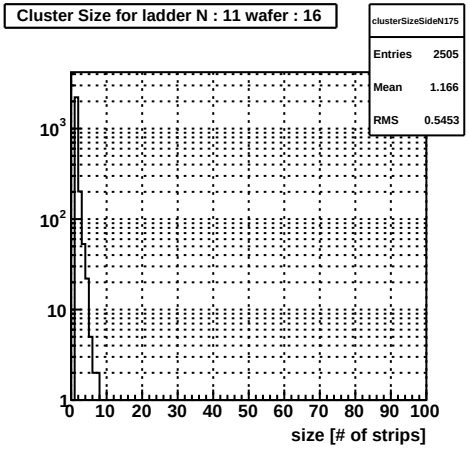

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1976
Mean 1.216
RMS 0.6366
size [# of strips]

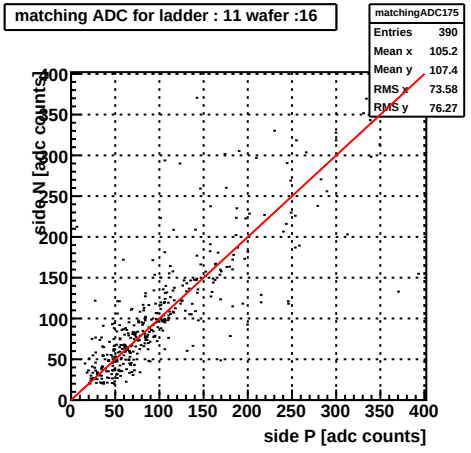

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 470
Mean x 81.37
Mean y 91.5
RMS x 64.34
RMS y 65.61
side N [adc counts]
side P [adc counts]

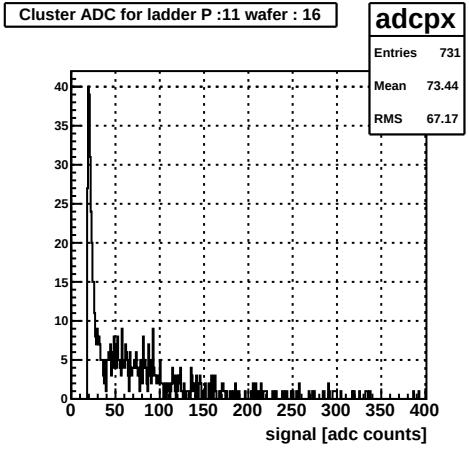

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4159
Mean 32.21
RMS 28.43
signal [adc counts]

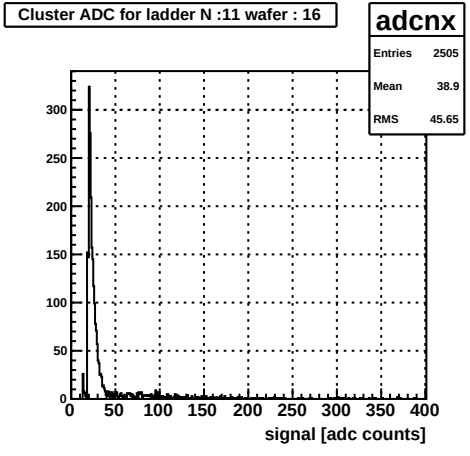

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1976
Mean 42.47
RMS 48
signal [adc counts]

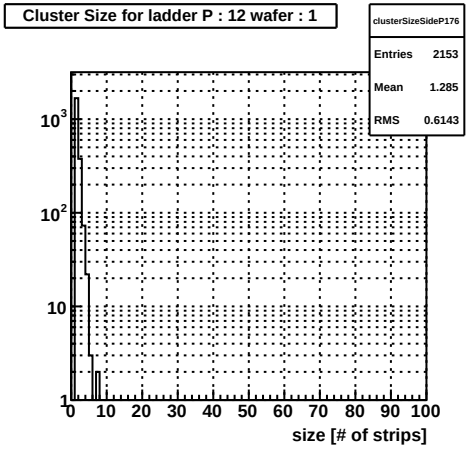

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 731
Mean 1.423
RMS 0.7438
size [# of strips]

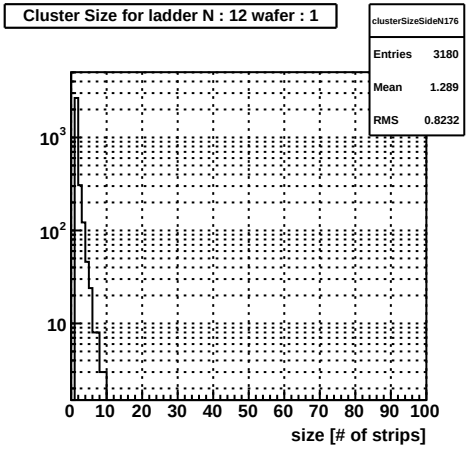

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2505
Mean 1.166
RMS 0.5453
size [# of strips]

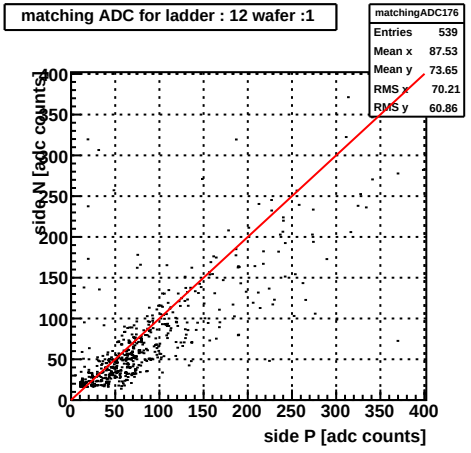

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 390
Mean x 105.2
Mean y 107.4
RMS x 73.58
RMS y 76.27
side N [adc counts]
side P [adc counts]

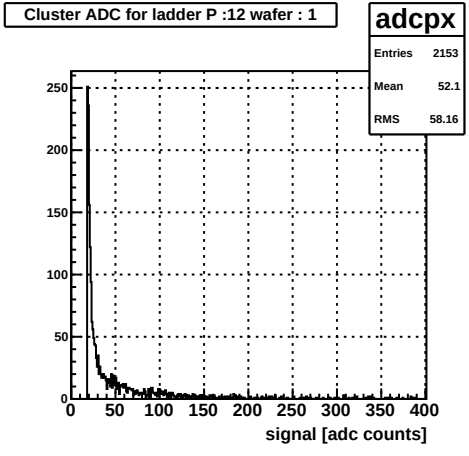

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 731
Mean 73.44
RMS 67.17
signal [adc counts]

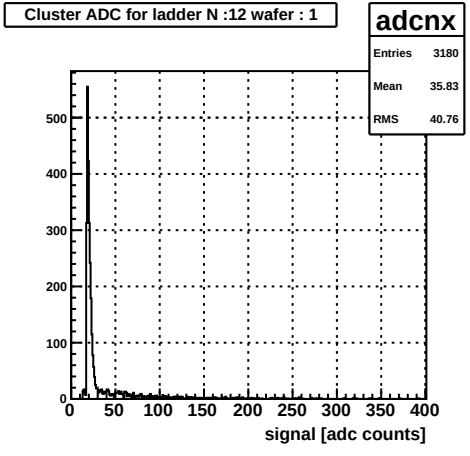

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2505
Mean 38.9
RMS 45.65
signal [adc counts]

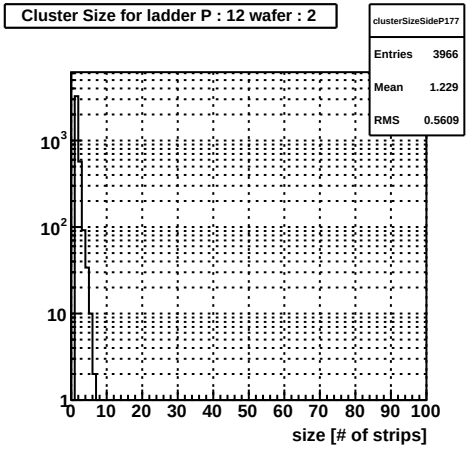

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2153
Mean 1.285
RMS 0.6143
size [# of strips]

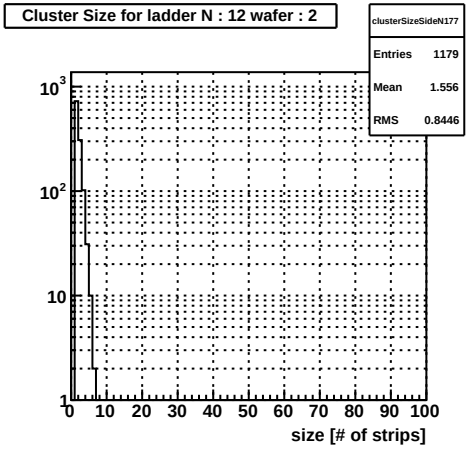

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3180
Mean 1.289
RMS 0.8232
size [# of strips]

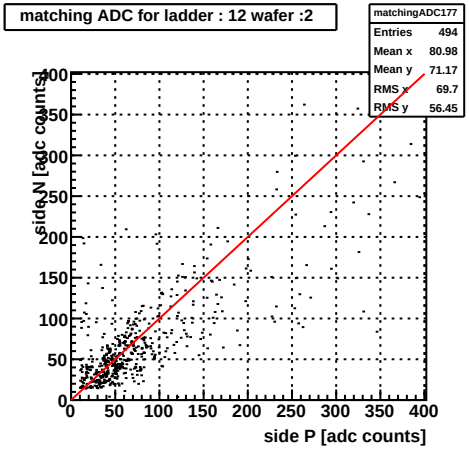

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 539
Mean x 87.53
Mean y 73.65
RMS x 70.21
RMS y 60.86
side N [adc counts]
side P [adc counts]

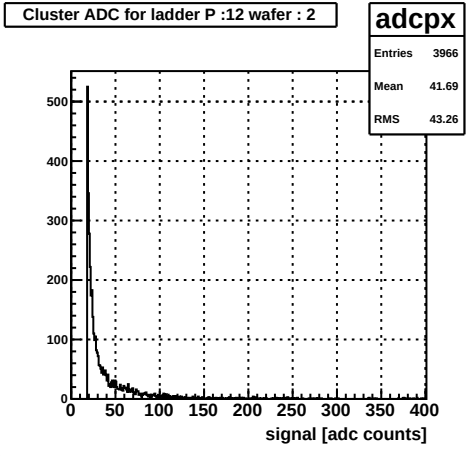

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2153
Mean 52.1
RMS 58.16
signal [adc counts]

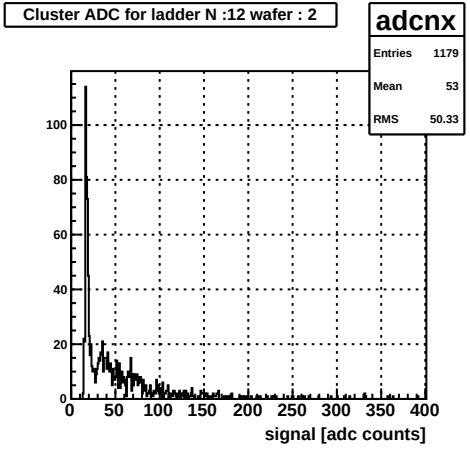

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3180
Mean 35.83
RMS 40.76
signal [adc counts]

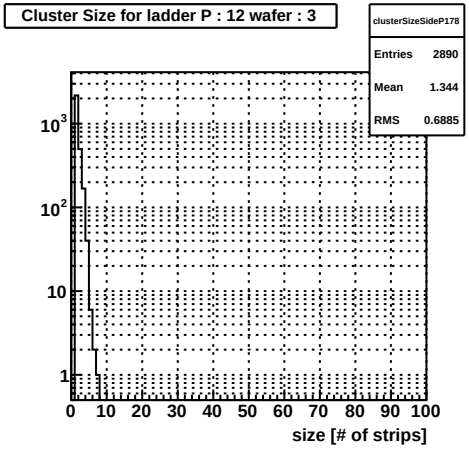

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3966
Mean 1.229
RMS 0.5609
size [# of strips]

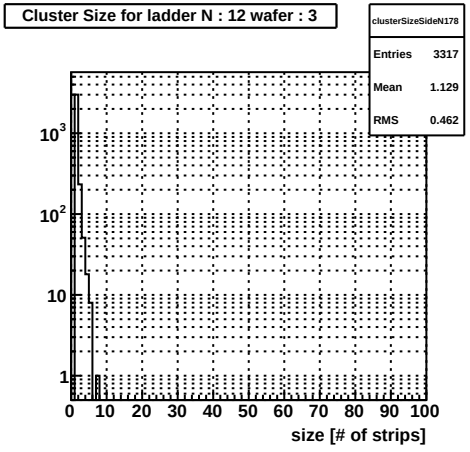

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1179
Mean 1.556
RMS 0.8446
size [# of strips]

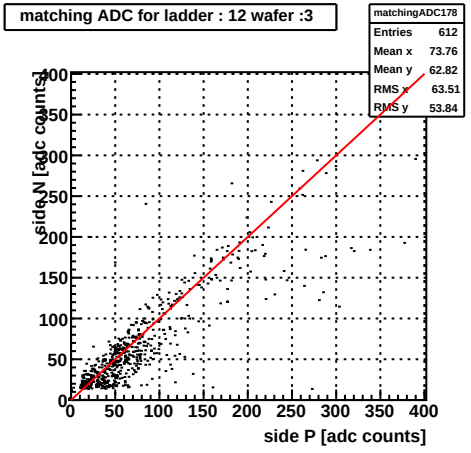

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 494
Mean x 80.98
Mean y 71.17
RMS x 69.7
RMS y 56.45
side N [adc counts]
side P [adc counts]

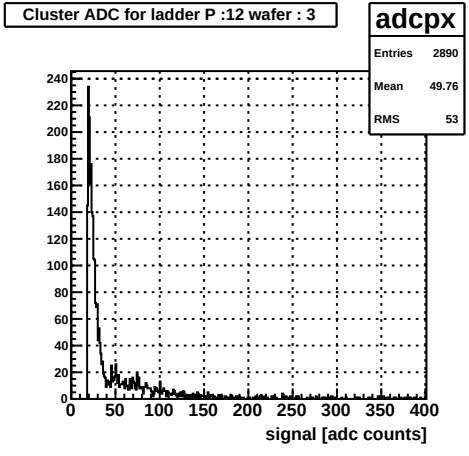

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3966
Mean 41.69
RMS 43.26
signal [adc counts]

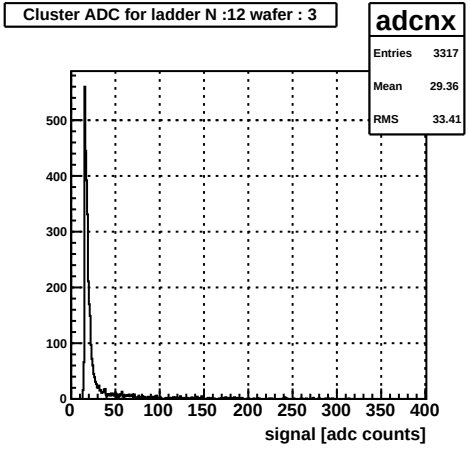

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1179
Mean 53
RMS 50.33
signal [adc counts]

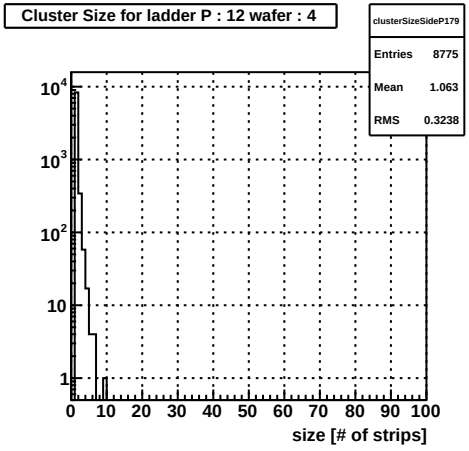

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2890
Mean 1.344
RMS 0.6885
size [# of strips]

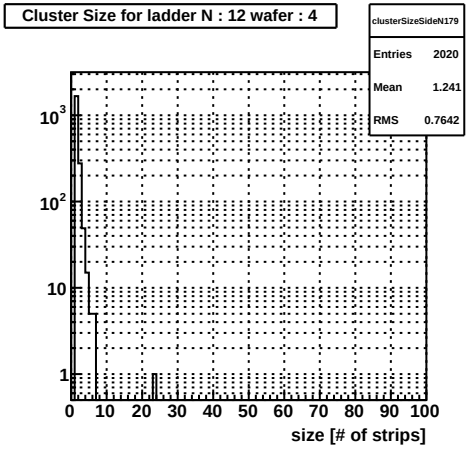

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3317
Mean 1.129
RMS 0.462
size [# of strips]

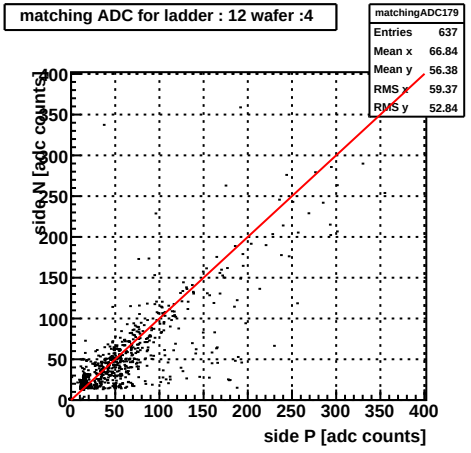

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 612
Mean x 73.76
Mean y 62.82
RMS x 63.51
RMS y 53.84
side N [adc counts]
side P [adc counts]

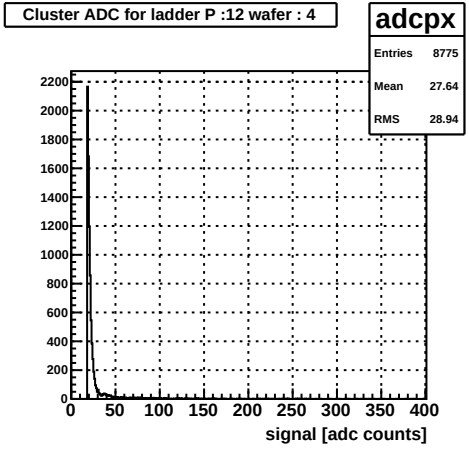

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2890
Mean 49.76
RMS 53
signal [adc counts]

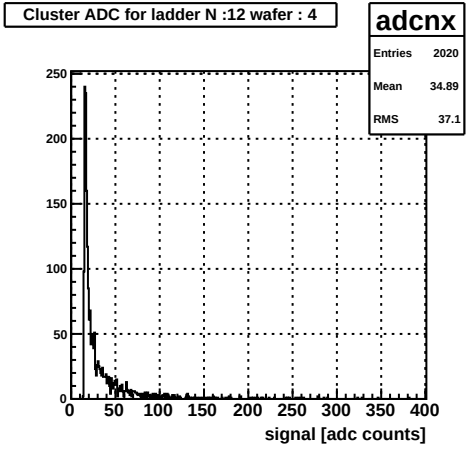

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3317
Mean 29.36
RMS 33.41
signal [adc counts]

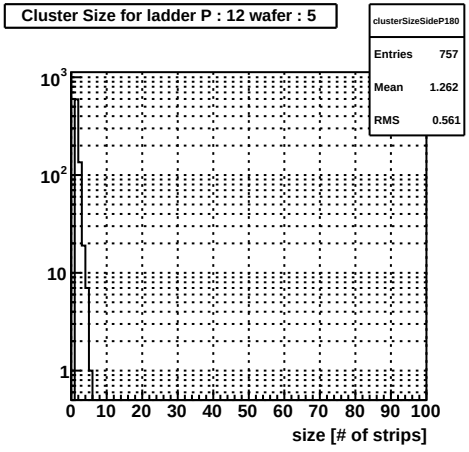

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8775
Mean 1.063
RMS 0.3238
size [# of strips]

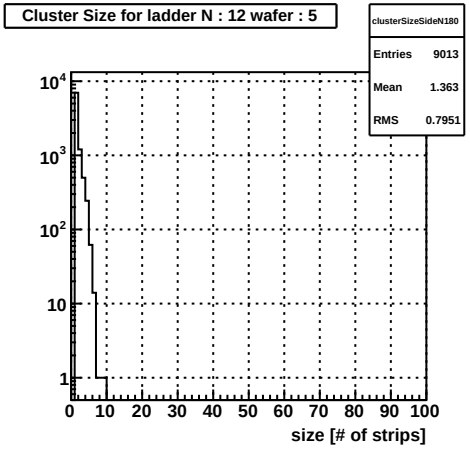

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2020
Mean 1.241
RMS 0.7642
size [# of strips]

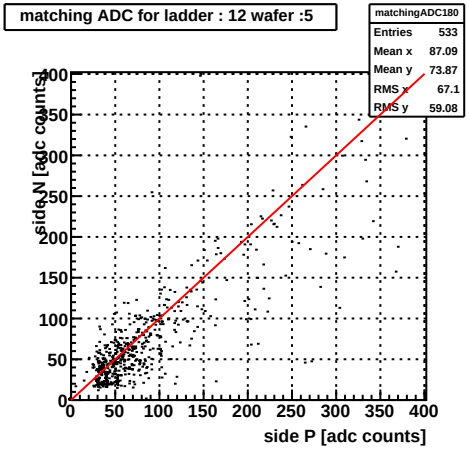

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 637
Mean x 66.84
Mean y 56.38
RMS x 59.37
RMS y 52.84
side N [adc counts]
side P [adc counts]

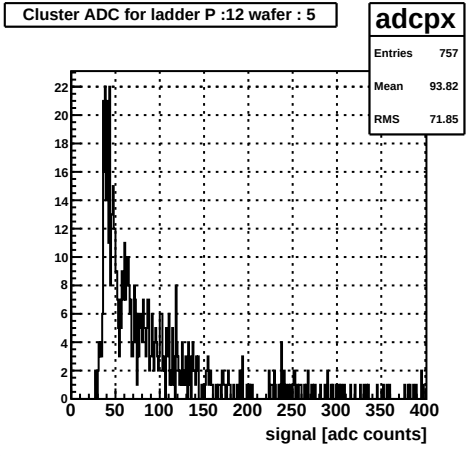

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8775
Mean 27.64
RMS 28.94
signal [adc counts]

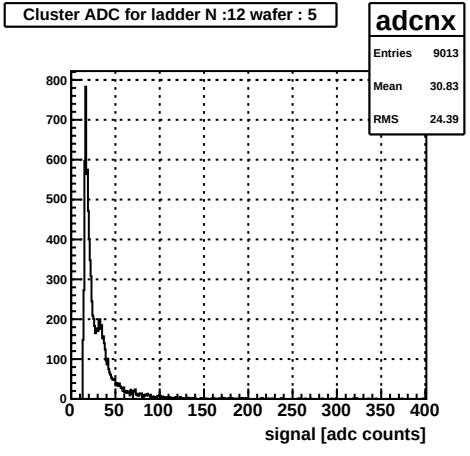

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2020
Mean 34.89
RMS 37.1
signal [adc counts]

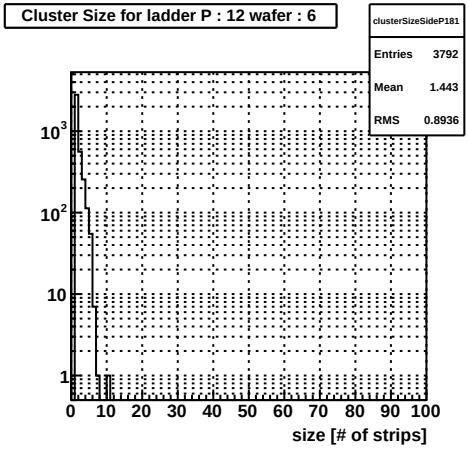

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 757
Mean 1.262
RMS 0.561
size [# of strips]

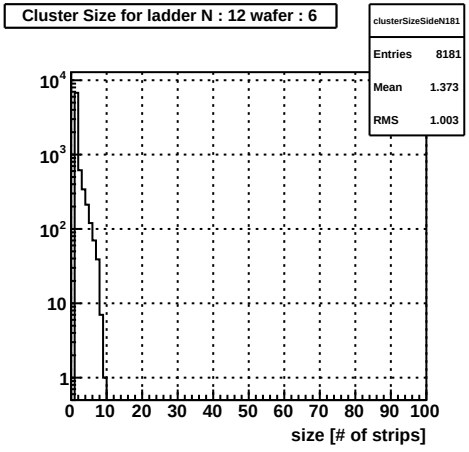

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9013
Mean 1.363
RMS 0.7951
size [# of strips]

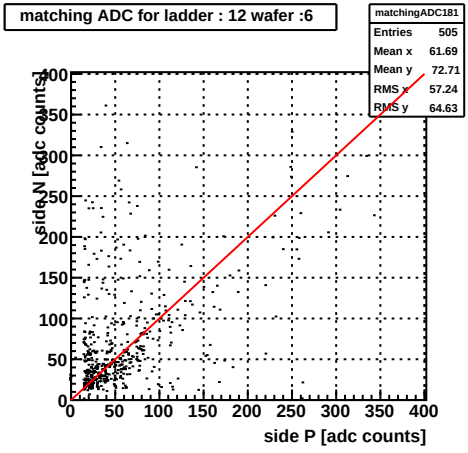

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 533
Mean x 87.09
Mean y 73.87
RMS x 67.1
RMS y 59.08
side N [adc counts]
side P [adc counts]

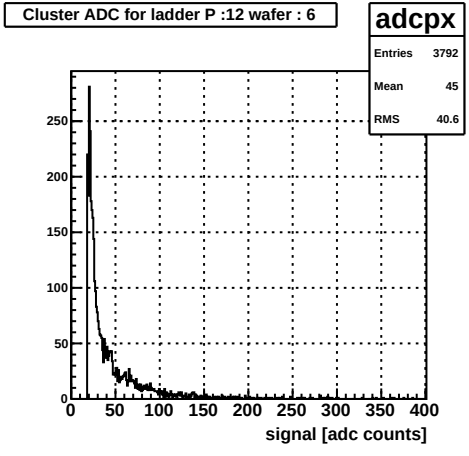

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 757
Mean 93.82
RMS 71.85
signal [adc counts]

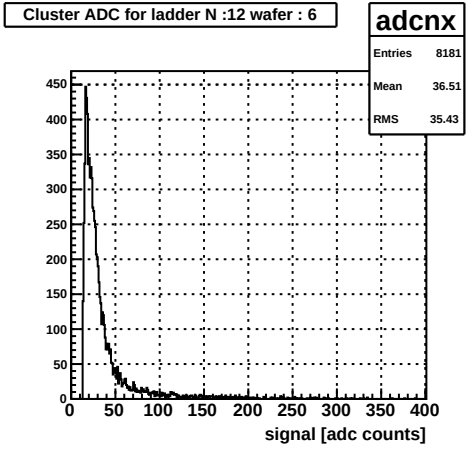

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9013
Mean 30.83
RMS 24.39
signal [adc counts]

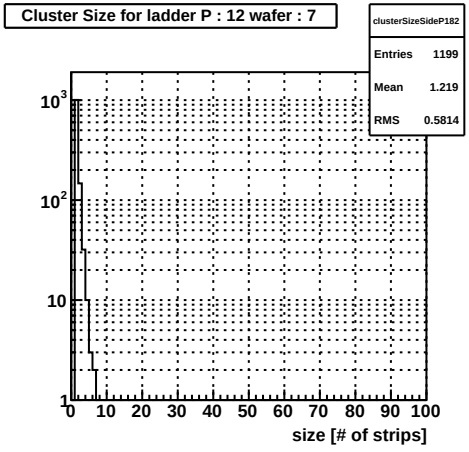

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3792
Mean 1.443
RMS 0.8936
size [# of strips]

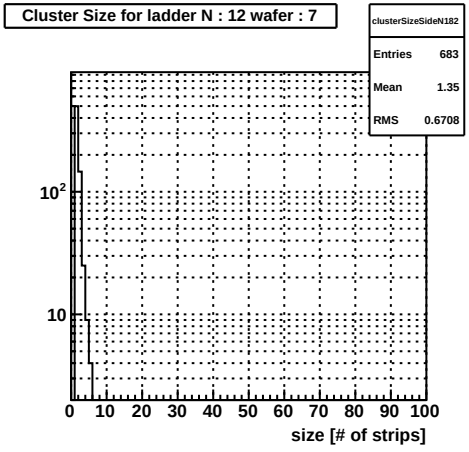

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8181
Mean 1.373
RMS 1.003
size [# of strips]

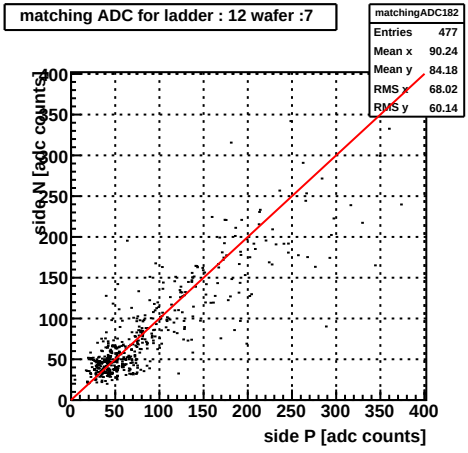

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 505
Mean x 61.69
Mean y 72.71
RMS x 57.24
RMS y 64.63
side N [adc counts]
side P [adc counts]

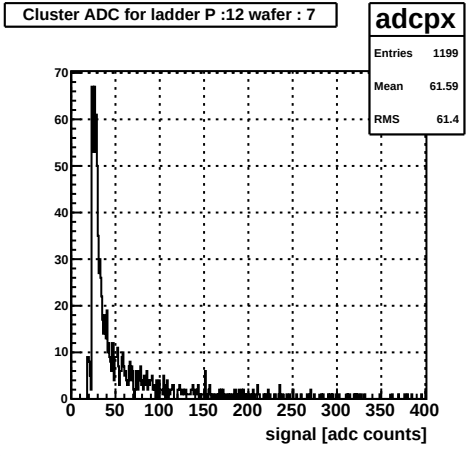

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3792
Mean 45
RMS 40.6
signal [adc counts]

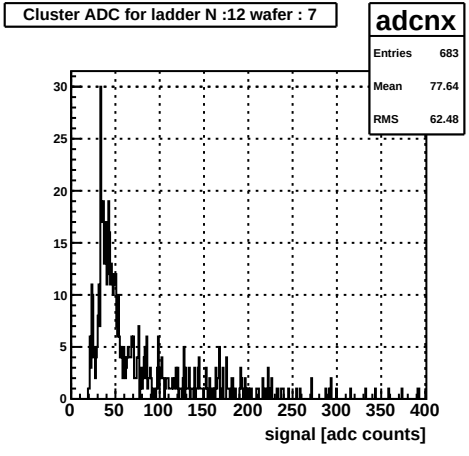

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8181
Mean 36.51
RMS 35.43
signal [adc counts]

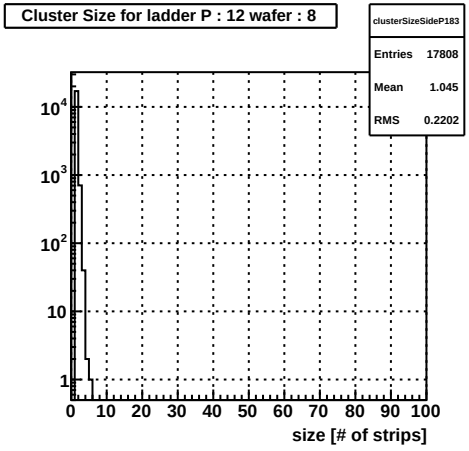

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1199
Mean 1.219
RMS 0.5814
size [# of strips]

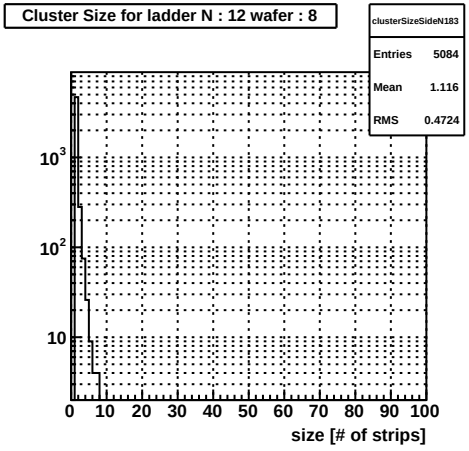

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 683
Mean 1.35
RMS 0.6708
size [# of strips]

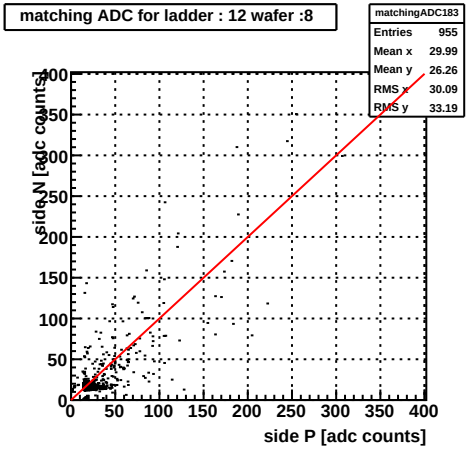

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 477
Mean x 90.24
Mean y 84.18
RMS x 68.02
RMS y 60.14
side N [adc counts]
side P [adc counts]

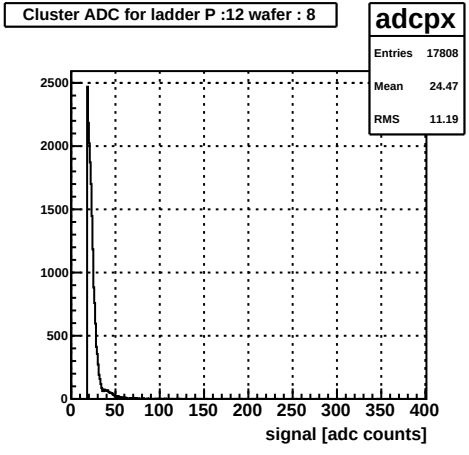

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1199
Mean 61.59
RMS 61.4
signal [adc counts]

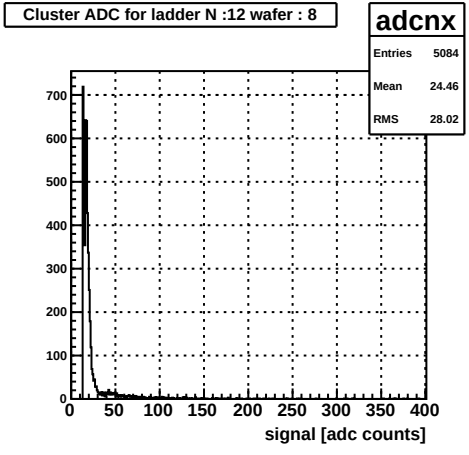

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 683
Mean 77.64
RMS 62.48
signal [adc counts]

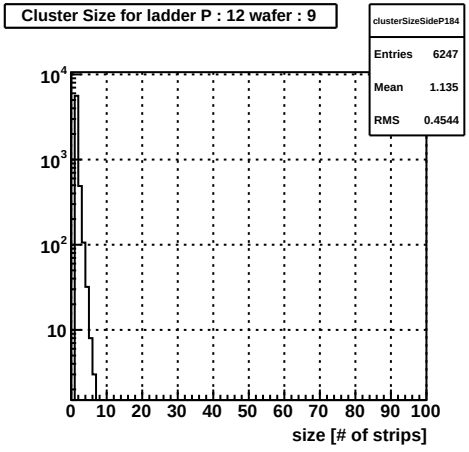

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 17808
Mean 1.045
RMS 0.2202
size [# of strips]

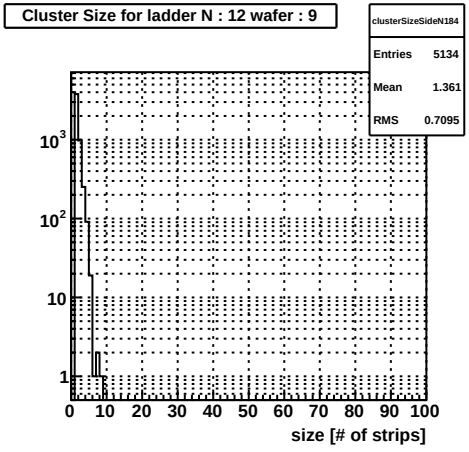

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 5084
Mean 1.116
RMS 0.4724
size [# of strips]

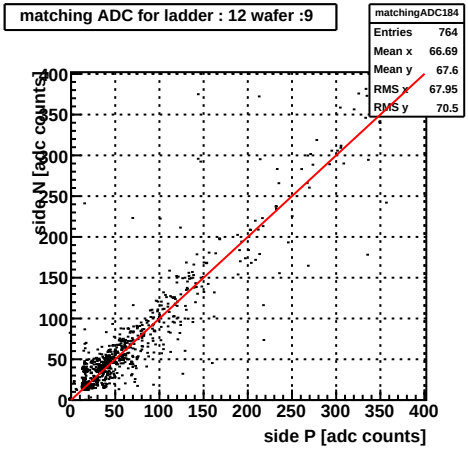

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 955
Mean x 29.99
Mean y 26.26
RMS x 30.09
RMS y 33.19
side N [adc counts]
side P [adc counts]

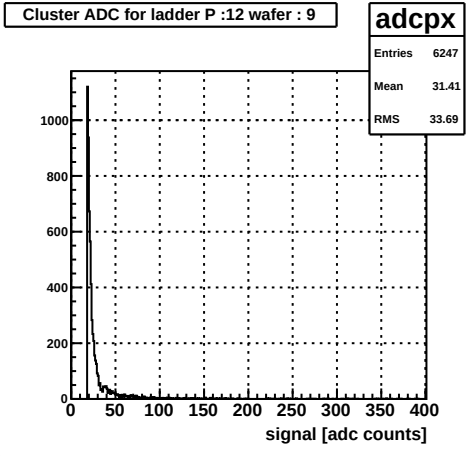

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 17808
Mean 24.47
RMS 11.19
signal [adc counts]

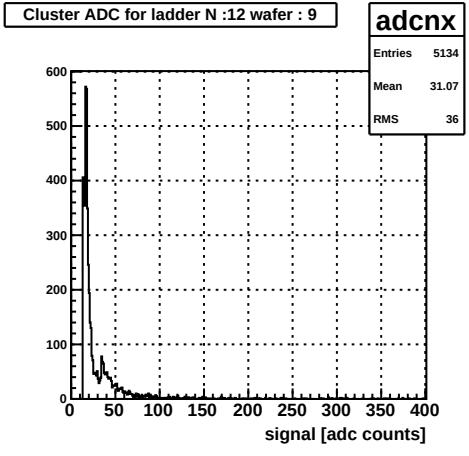

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 5084
Mean 24.46
RMS 28.02
signal [adc counts]

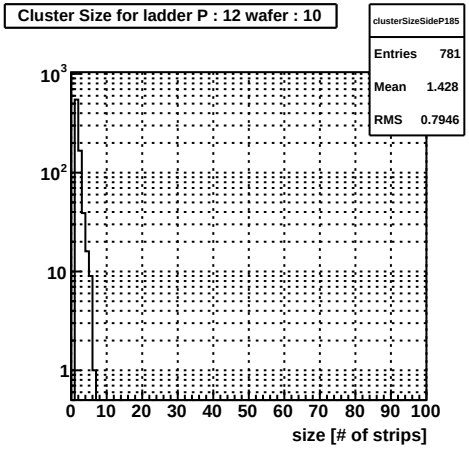

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6247
Mean 1.135
RMS 0.4544
size [# of strips]

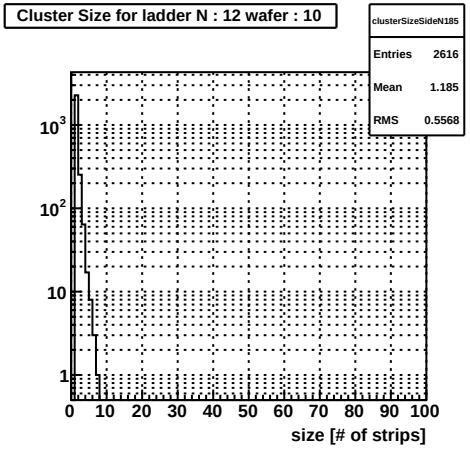

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5134
Mean 1.361
RMS 0.7095
size [# of strips]

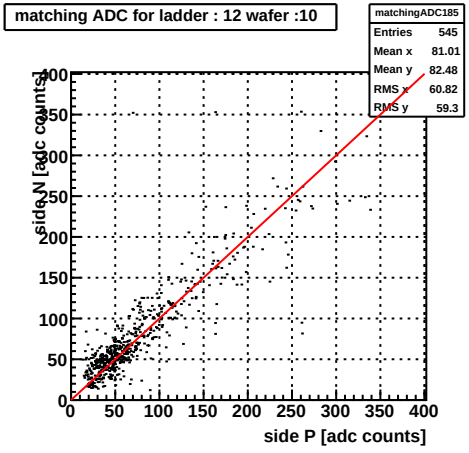

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 764
Mean x 66.69
Mean y 67.6
RMS x 67.95
RMS y 70.5
side N [adc counts]
side P [adc counts]

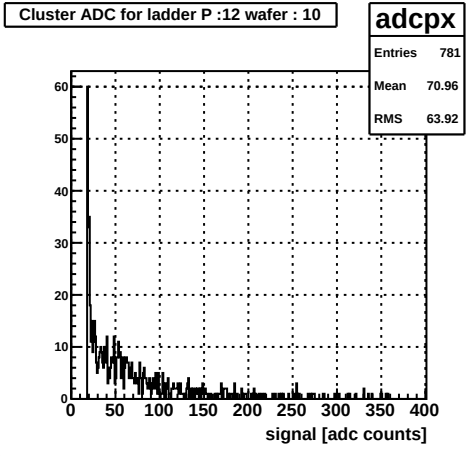

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6247
Mean 31.41
RMS 33.69
signal [adc counts]

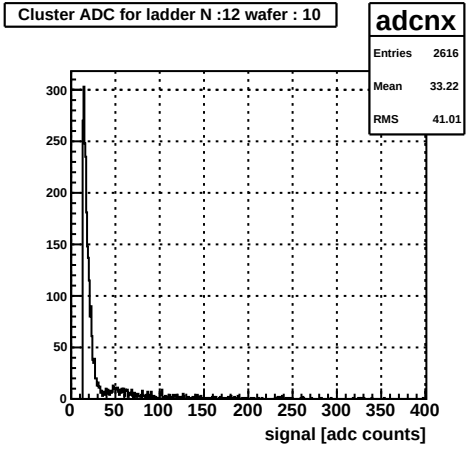

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5134
Mean 31.07
RMS 36
signal [adc counts]

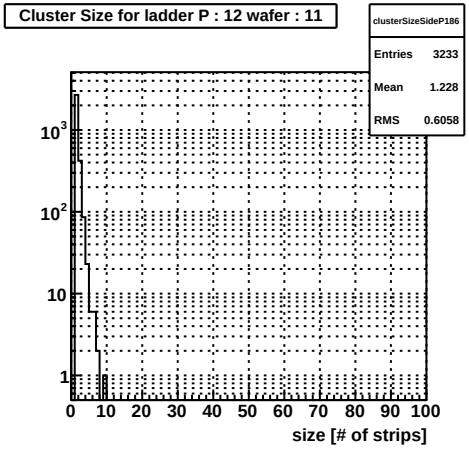

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 781
Mean 1.428
RMS 0.7946
size [# of strips]

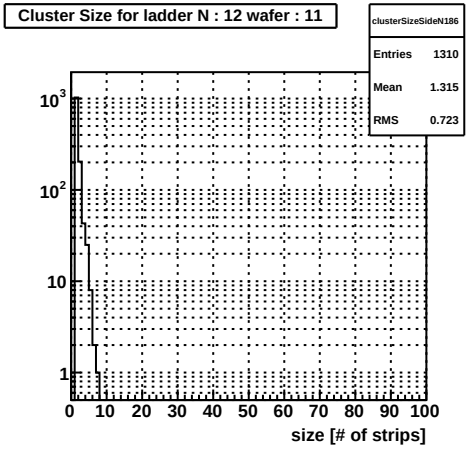

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2616
Mean 1.185
RMS 0.5568
size [# of strips]

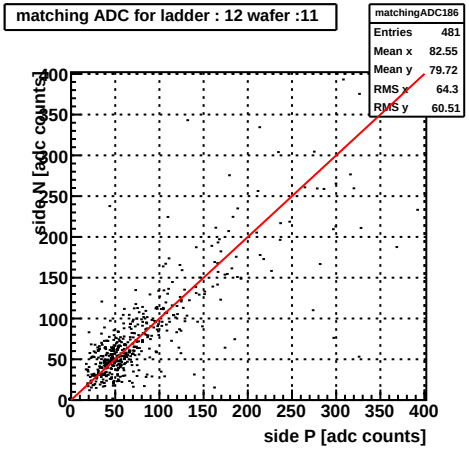

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 545
Mean x 81.01
Mean y 82.48
RMS x 60.82
RMS y 59.3
side N [adc counts]
side P [adc counts]

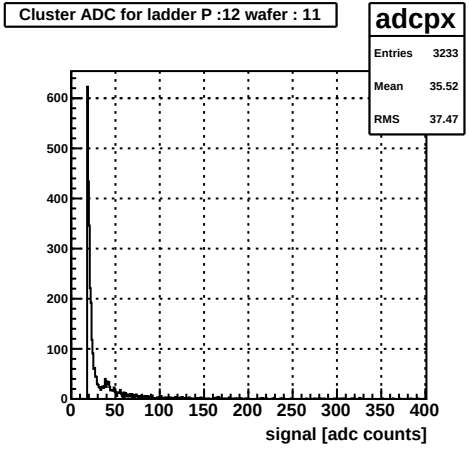

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 781
Mean 70.96
RMS 63.92
signal [adc counts]

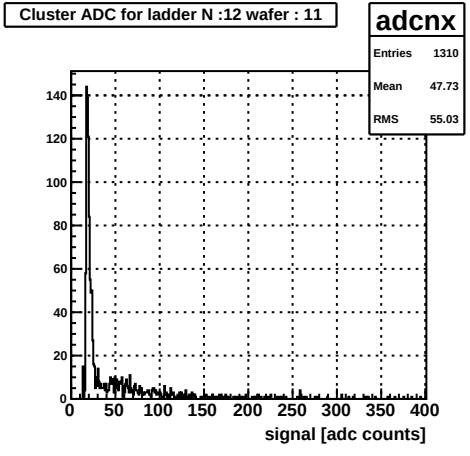

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2616
Mean 33.22
RMS 41.01
signal [adc counts]

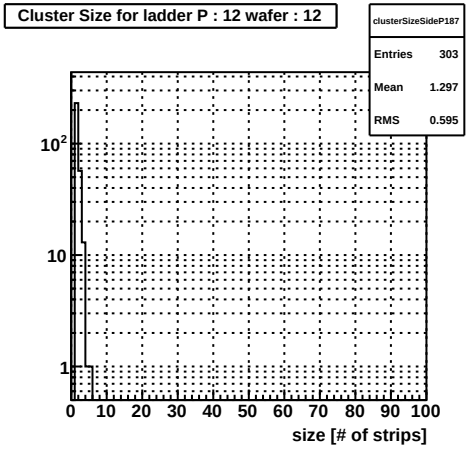

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3233
Mean 1.228
RMS 0.6058
size [# of strips]

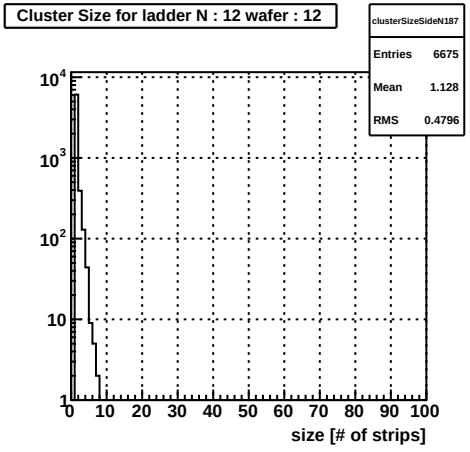

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1310
Mean 1.315
RMS 0.723
size [# of strips]

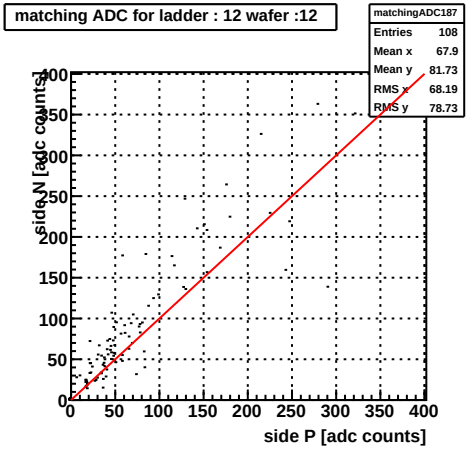

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 481
Mean x 82.55
Mean y 79.72
RMS x 64.3
RMS y 60.51
side N [adc counts]
side P [adc counts]

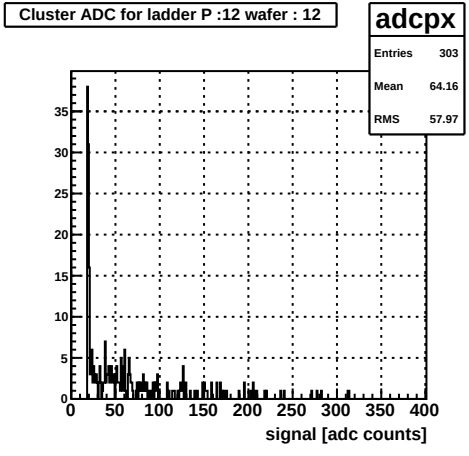

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3233
Mean 35.52
RMS 37.47
signal [adc counts]

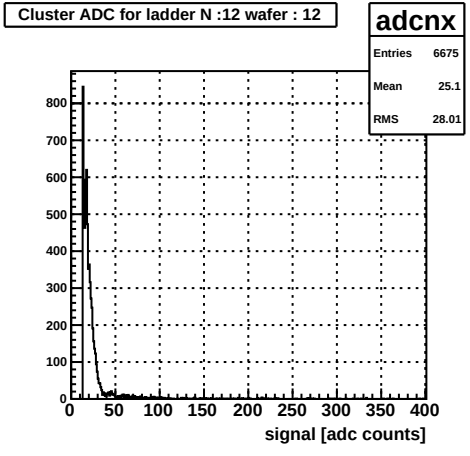

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1310
Mean 47.73
RMS 55.03
signal [adc counts]

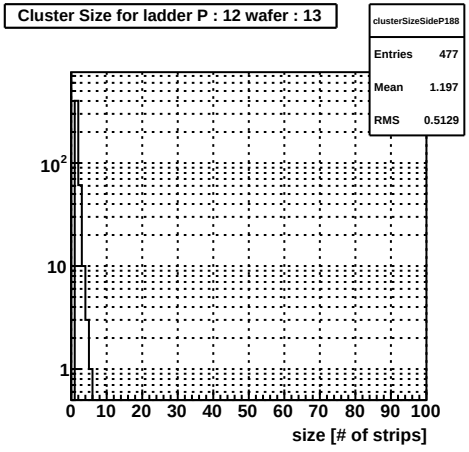

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 303
Mean 1.297
RMS 0.595
size [# of strips]

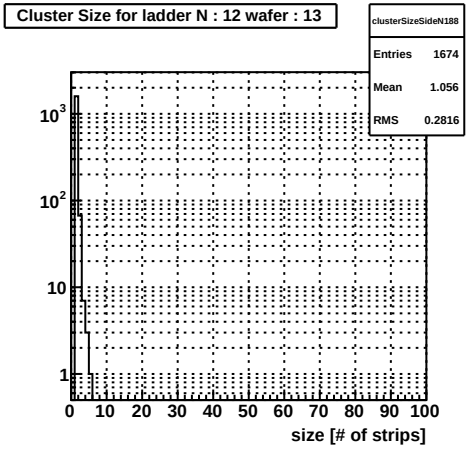

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 6675
Mean 1.128
RMS 0.4796
size [# of strips]

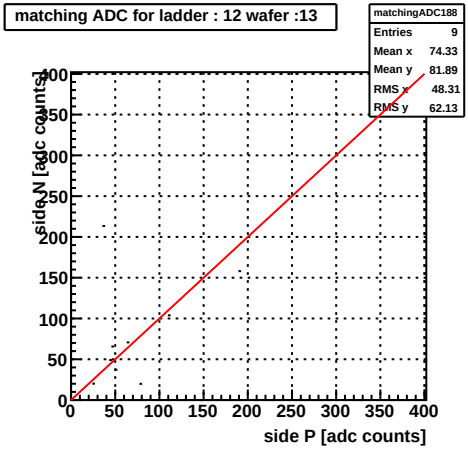

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 108
Mean x 67.9
Mean y 81.73
RMS x 68.19
RMS y 78.73
side N [adc counts]
side P [adc counts]

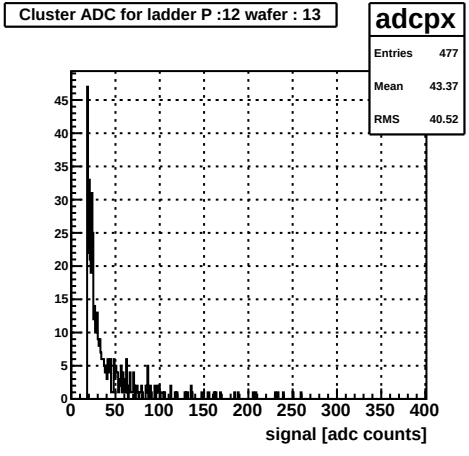

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 303
Mean 64.16
RMS 57.97
signal [adc counts]

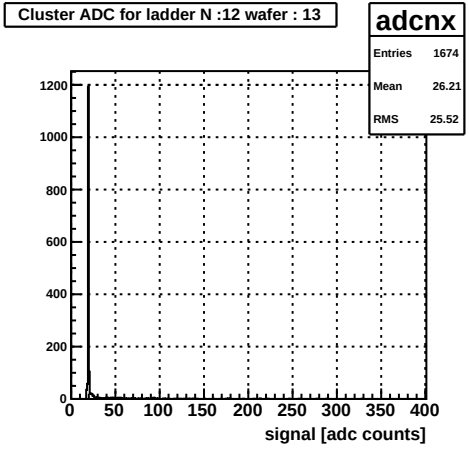

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 6675
Mean 25.1
RMS 28.01
signal [adc counts]

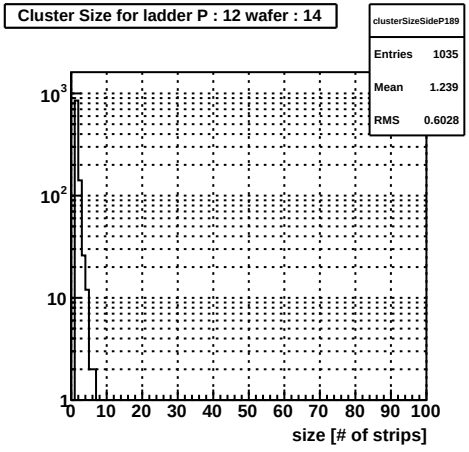

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 477
Mean 1.197
RMS 0.5129
size [# of strips]

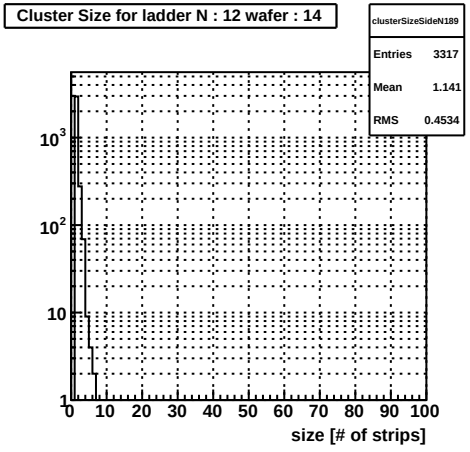

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1674
Mean 1.056
RMS 0.2816
size [# of strips]

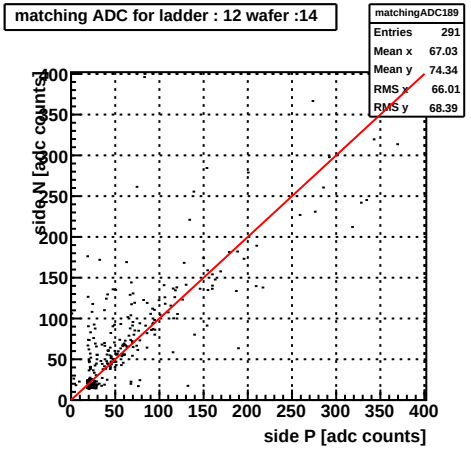

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 9
Mean x 74.33
Mean y 81.89
RMS x 48.31
RMS y 62.13
side N [adc counts]
side P [adc counts]

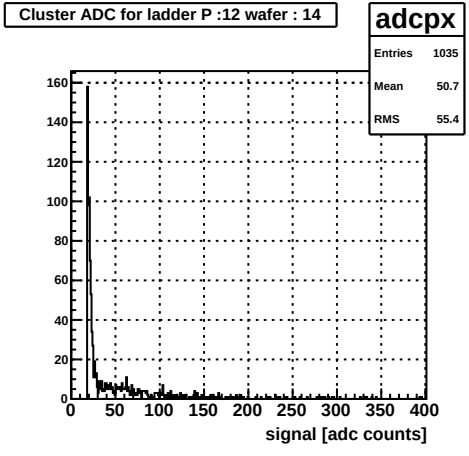

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 477
Mean 43.37
RMS 40.52
signal [adc counts]

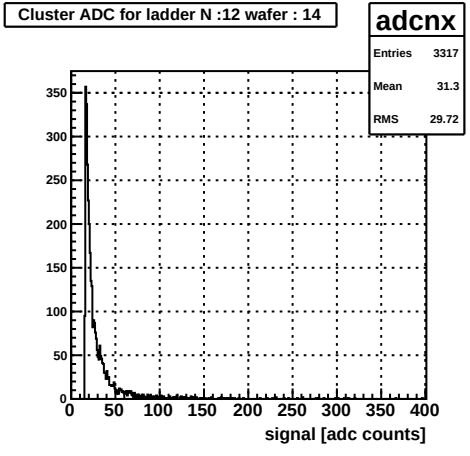

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1674
Mean 26.21
RMS 25.52
signal [adc counts]

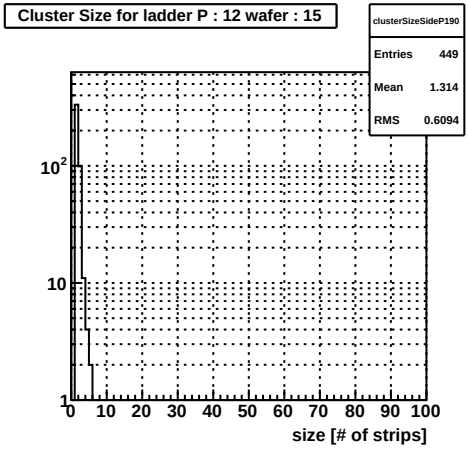

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1035
Mean 1.239
RMS 0.6028
size [# of strips]

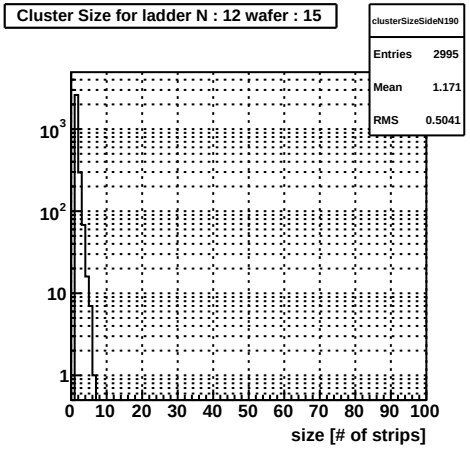

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3317
Mean 1.141
RMS 0.4534
size [# of strips]

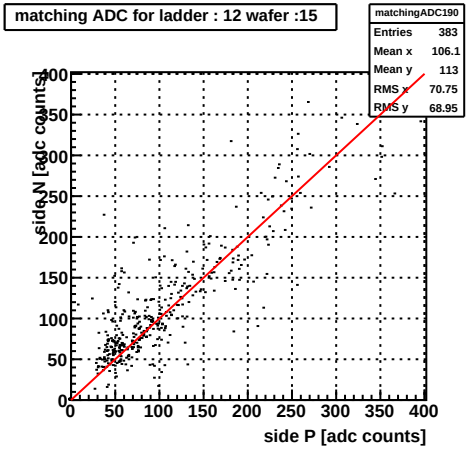

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 291
Mean x 67.03
Mean y 74.34
RMS x 66.01
RMS y 68.39
side N [adc counts]
side P [adc counts]

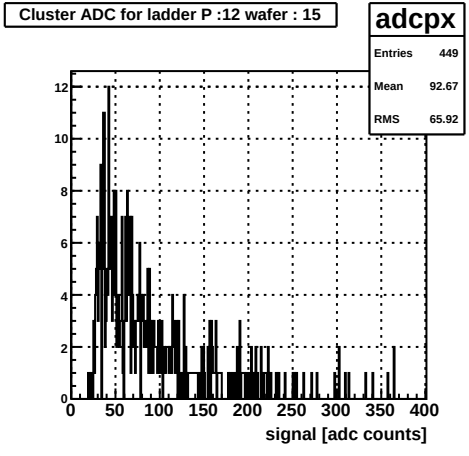

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1035
Mean 50.7
RMS 55.4
signal [adc counts]

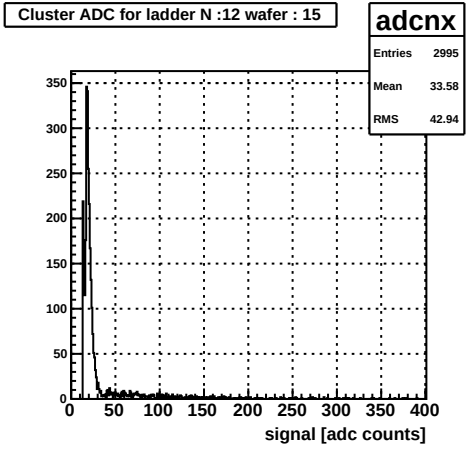

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3317
Mean 31.3
RMS 29.72
signal [adc counts]

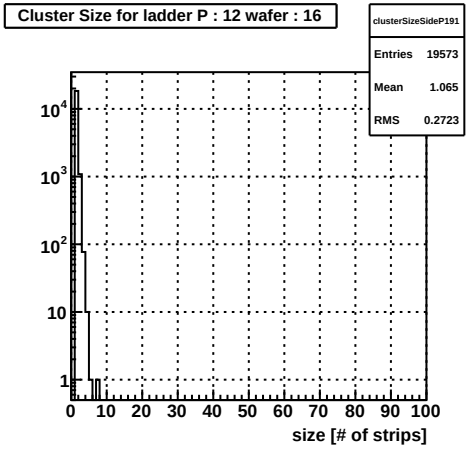

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 449
Mean 1.314
RMS 0.6094
size [# of strips]

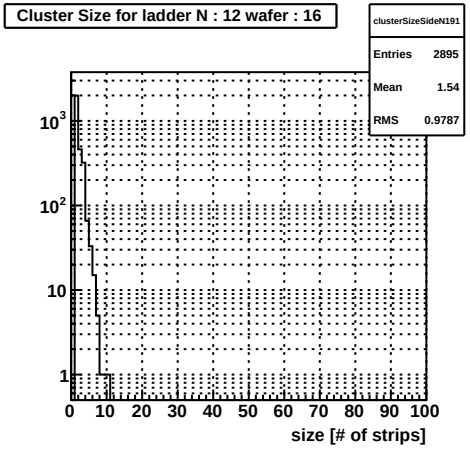

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2995
Mean 1.171
RMS 0.5041
size [# of strips]

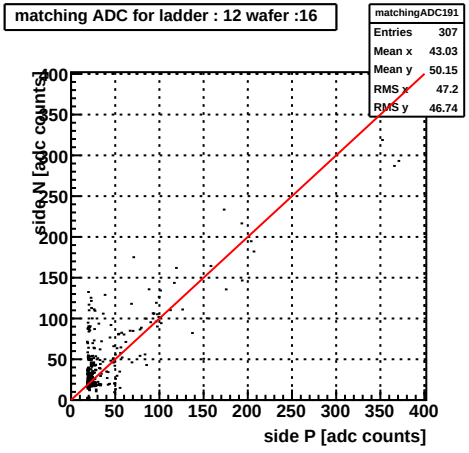

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 383
Mean x 106.1
Mean y 113
RMS x 70.75
RMS y 68.95
side N [adc counts]
side P [adc counts]

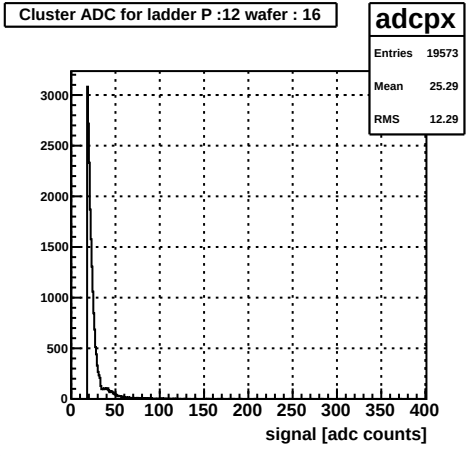

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 449
Mean 92.67
RMS 65.92
signal [adc counts]

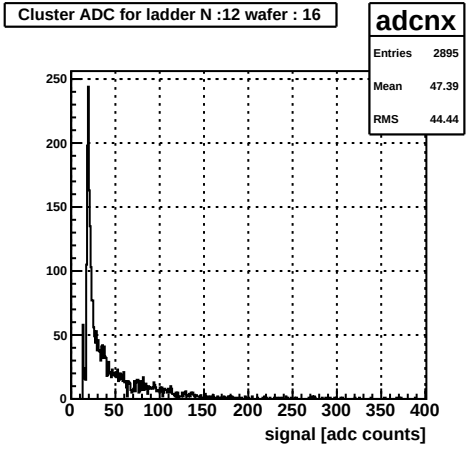

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2995
Mean 33.58
RMS 42.94
signal [adc counts]

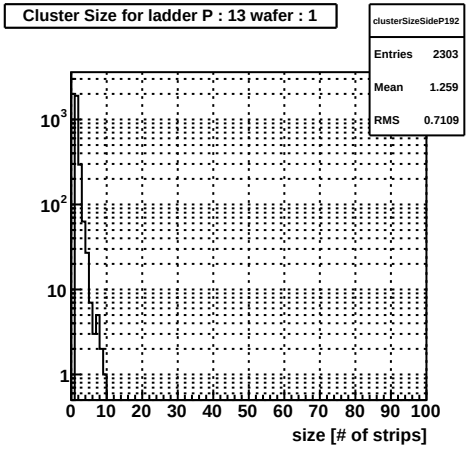

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19573
Mean 1.065
RMS 0.2723
size [# of strips]

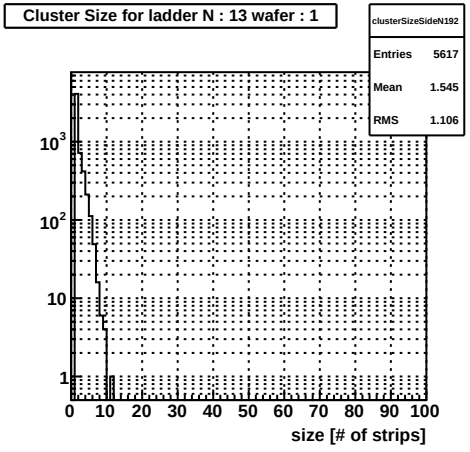

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2895
Mean 1.54
RMS 0.9787
size [# of strips]

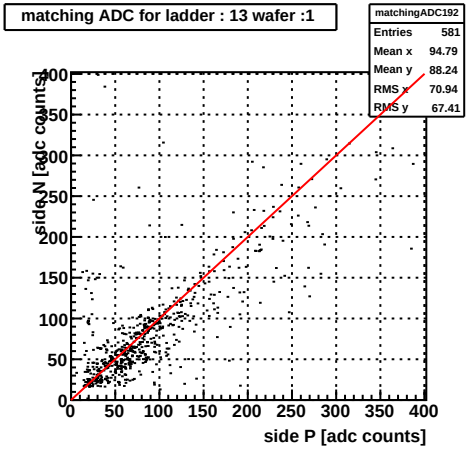

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 307
Mean x 43.03
Mean y 50.15
RMS x 47.2
RMS y 46.74
side N [adc counts]
side P [adc counts]

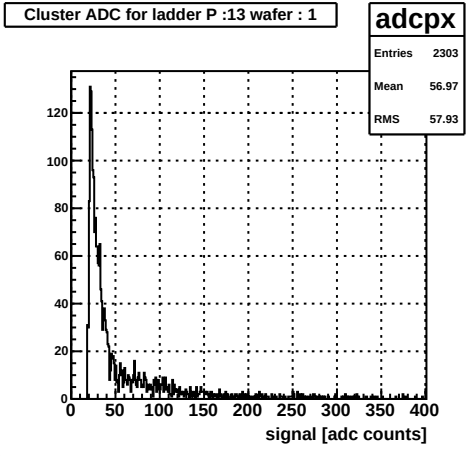

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19573
Mean 25.29
RMS 12.29
signal [adc counts]

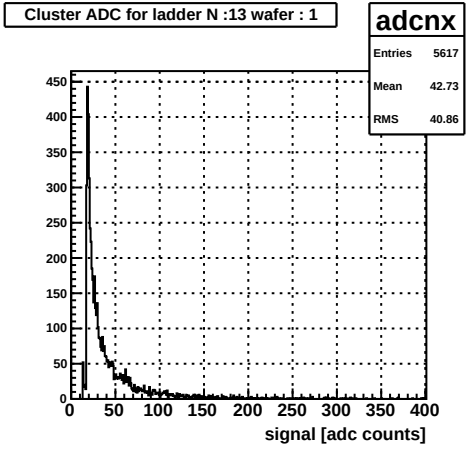

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2895
Mean 47.39
RMS 44.44
signal [adc counts]

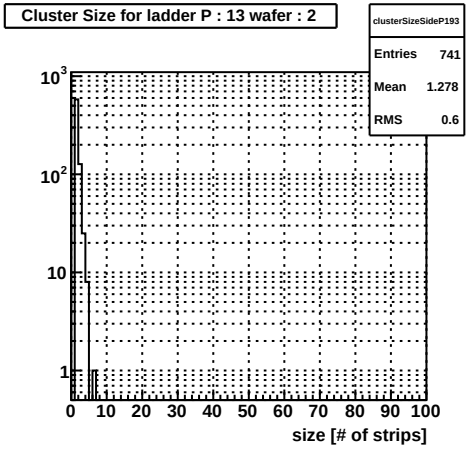

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2303
Mean 1.259
RMS 0.7109
size [# of strips]

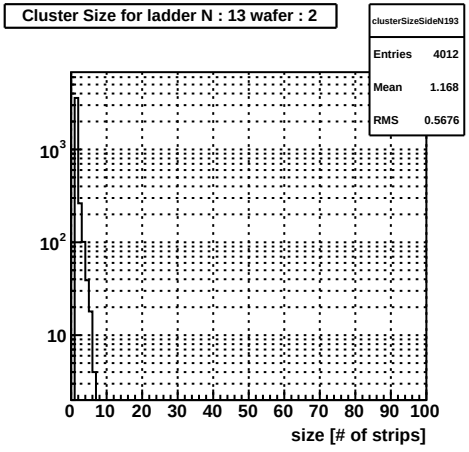

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 5617
Mean 1.545
RMS 1.106
size [# of strips]

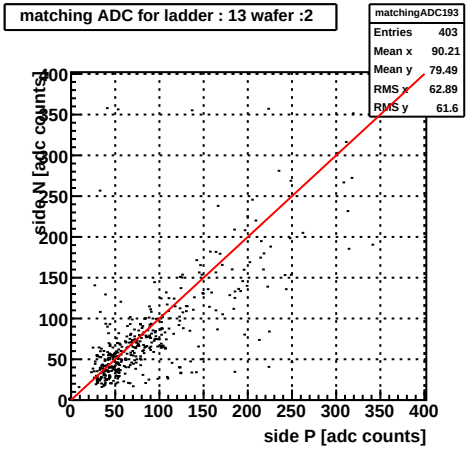

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 581
Mean x 94.79
Mean y 88.24
RMS x 70.94
RMS y 67.41
side N [adc counts]
side P [adc counts]

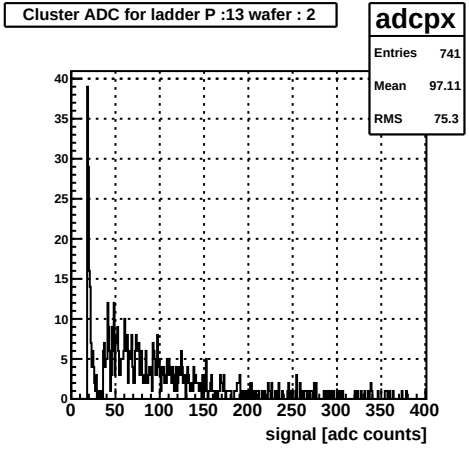

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2303
Mean 56.97
RMS 57.93
signal [adc counts]

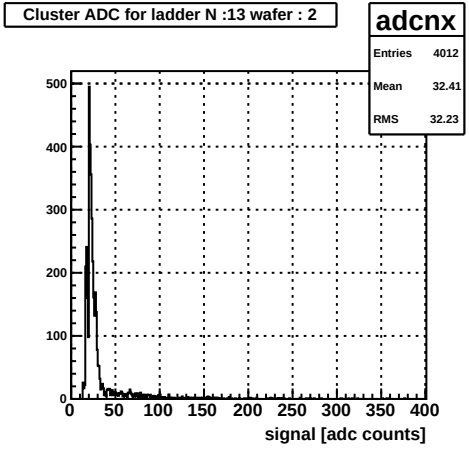

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 5617
Mean 42.73
RMS 40.86
signal [adc counts]

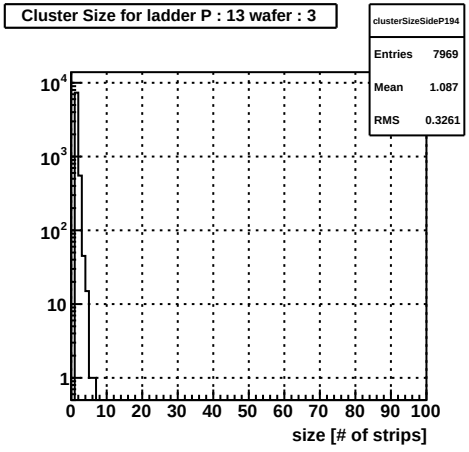

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 741
Mean 1.278
RMS 0.6
size [# of strips]

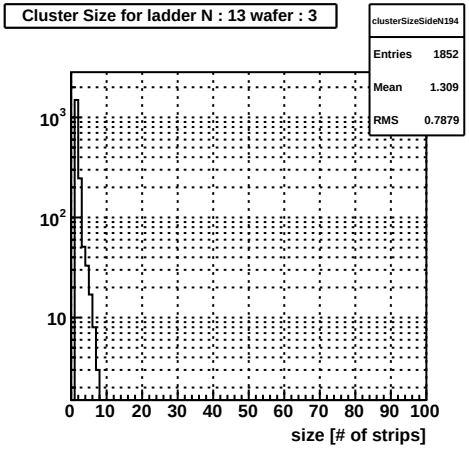

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4012
Mean 1.168
RMS 0.5676
size [# of strips]

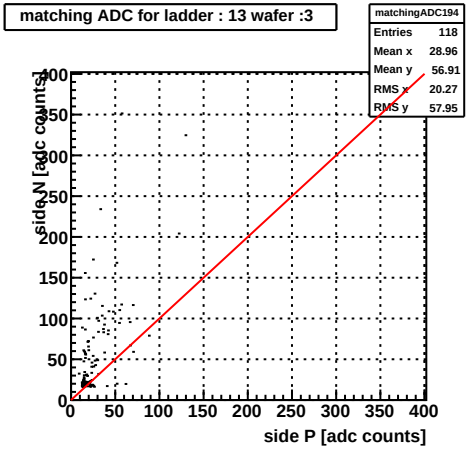

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 403
Mean x 90.21
Mean y 79.49
RMS x 62.89
RMS y 61.6
side N [adc counts]
side P [adc counts]

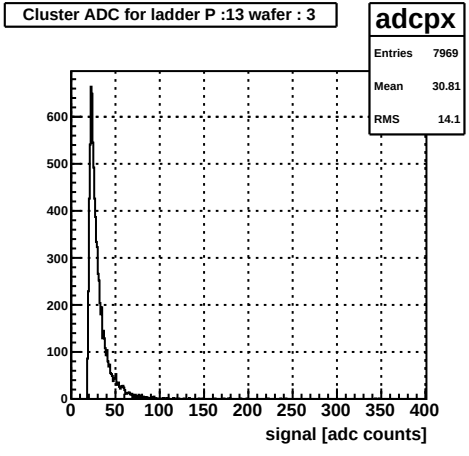

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 741
Mean 97.11
RMS 75.3
signal [adc counts]

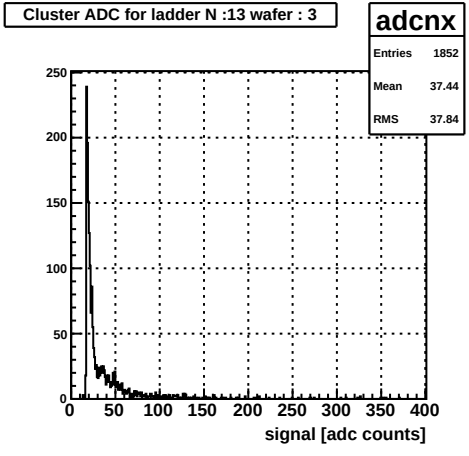

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4012
Mean 32.41
RMS 32.23
signal [adc counts]

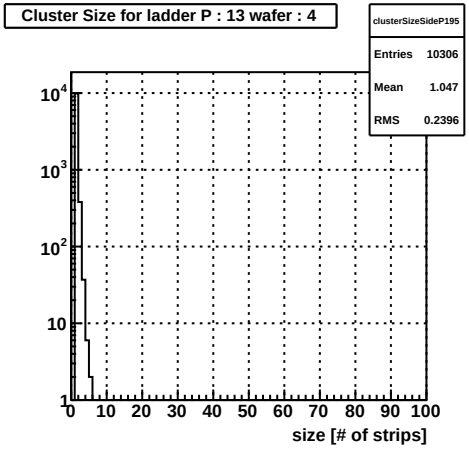

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7969
Mean 1.087
RMS 0.3261
size [# of strips]

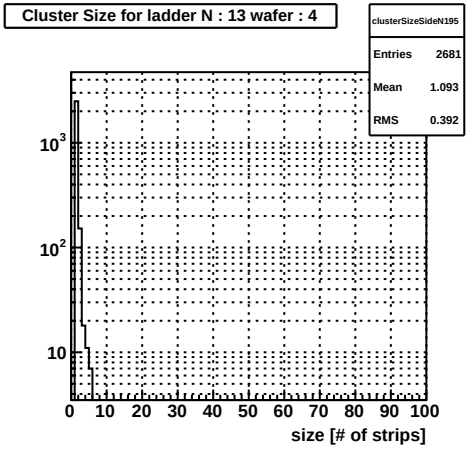

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1852
Mean 1.309
RMS 0.7879
size [# of strips]

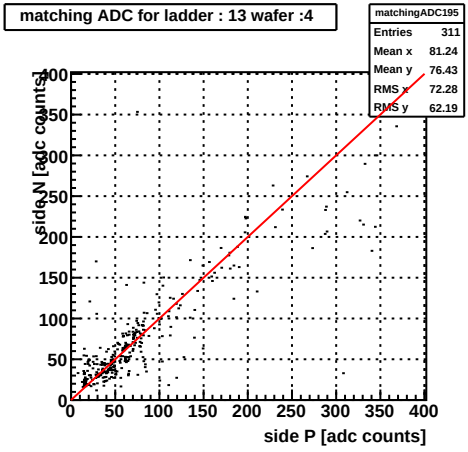

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 118
Mean x 28.96
Mean y 56.91
RMS x 20.27
RMS y 57.95
side N [adc counts]
side P [adc counts]

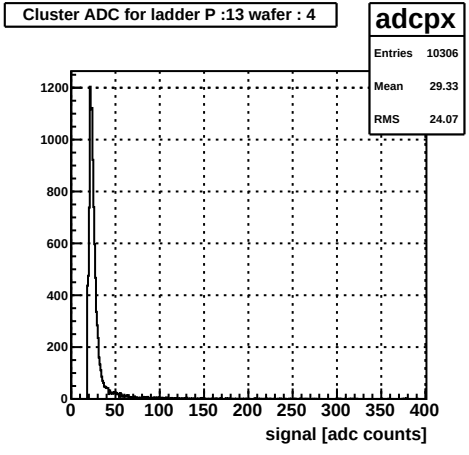

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7969
Mean 30.81
RMS 14.1
signal [adc counts]

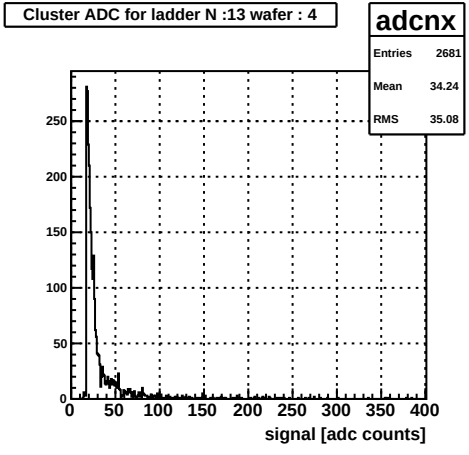

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1852
Mean 37.44
RMS 37.84
signal [adc counts]

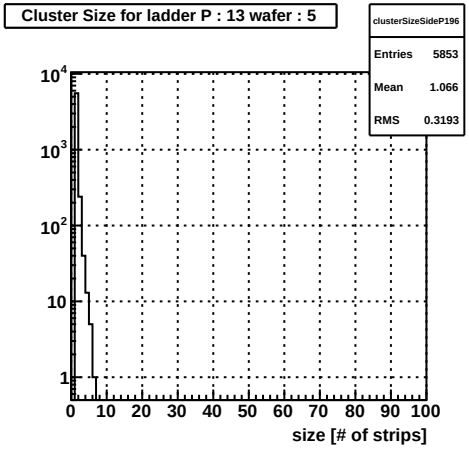

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10306
Mean 1.047
RMS 0.2396
size [# of strips]

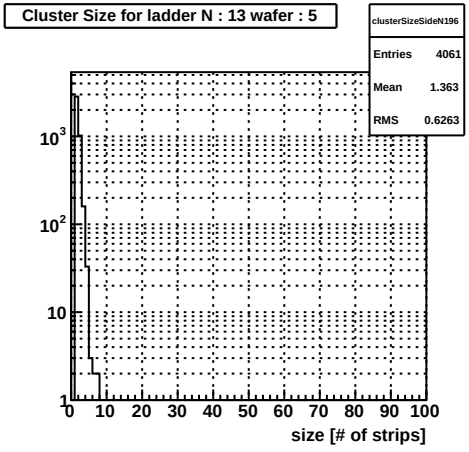

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2681
Mean 1.093
RMS 0.392
size [# of strips]

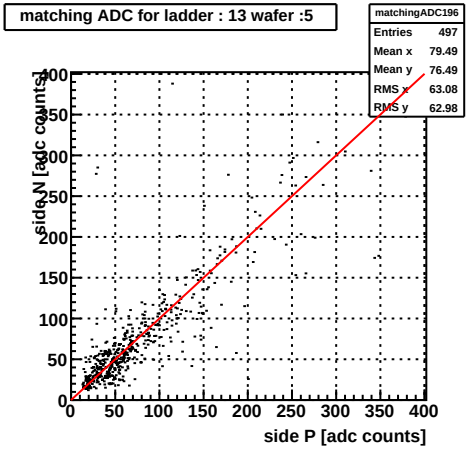

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 311
Mean x 81.24
Mean y 76.43
RMS x 72.28
RMS y 62.19
side N [adc counts]
side P [adc counts]

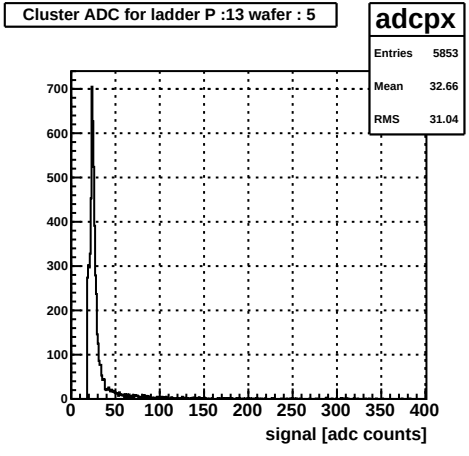

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10306
Mean 29.33
RMS 24.07
signal [adc counts]

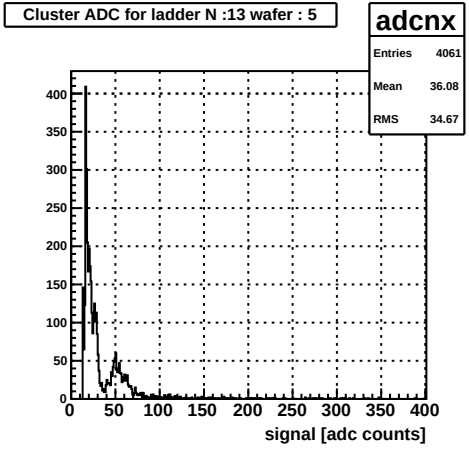

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2681
Mean 34.24
RMS 35.08
signal [adc counts]

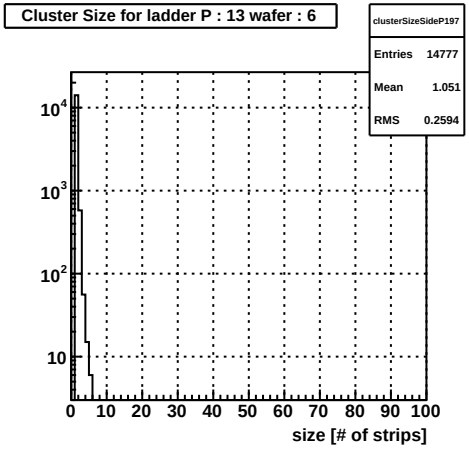

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5853
Mean 1.066
RMS 0.3193
size [# of strips]

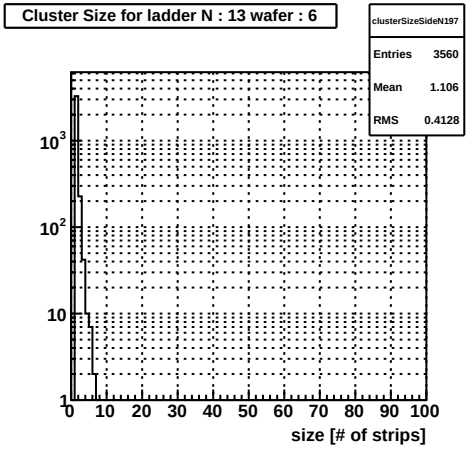

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4061
Mean 1.363
RMS 0.6263
size [# of strips]

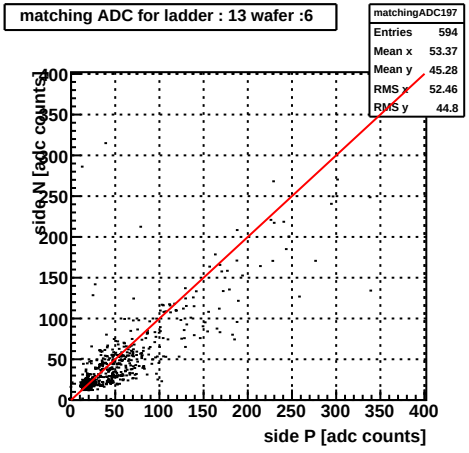

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 497
Mean x 79.49
Mean y 76.49
RMS x 63.08
RMS y 62.98
side N [adc counts]
side P [adc counts]

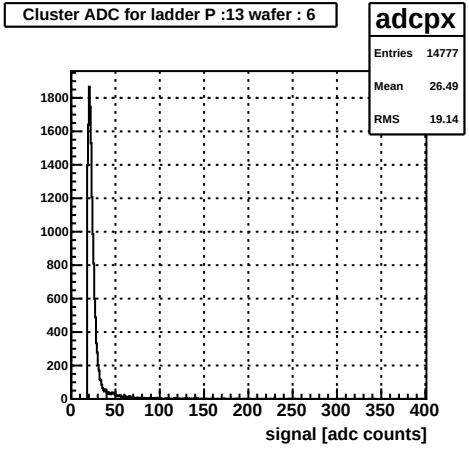

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5853
Mean 32.66
RMS 31.04
signal [adc counts]

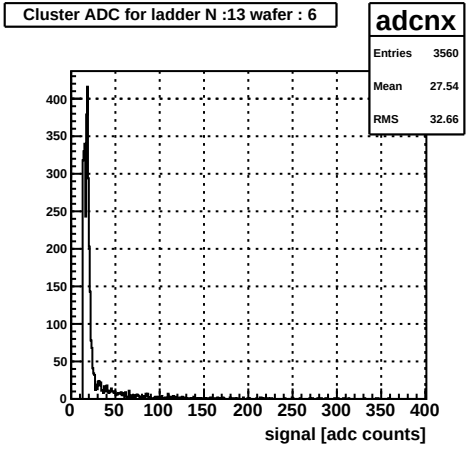

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4061
Mean 36.08
RMS 34.67
signal [adc counts]

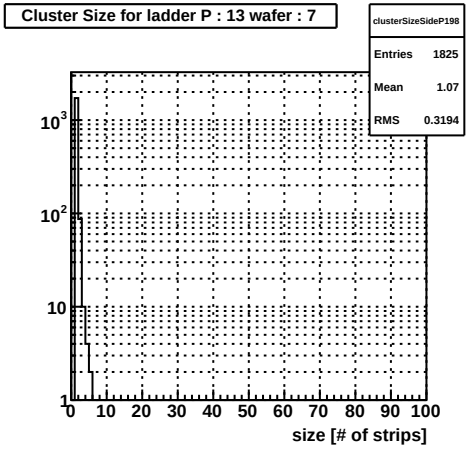

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14777
Mean 1.051
RMS 0.2594
size [# of strips]

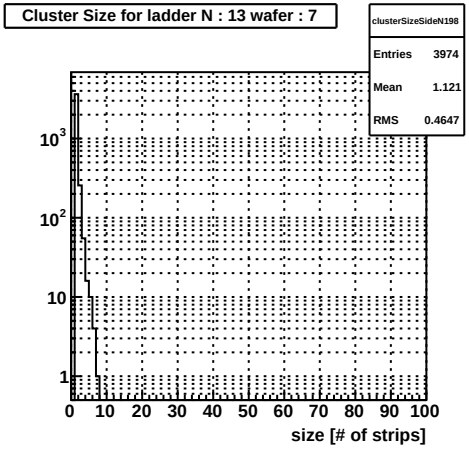

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3560
Mean 1.106
RMS 0.4128
size [# of strips]

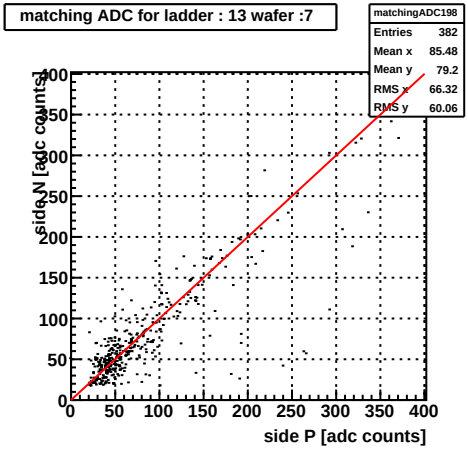

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 594
Mean x 53.37
Mean y 45.28
RMS x 52.46
RMS y 44.8
side N [adc counts]
side P [adc counts]

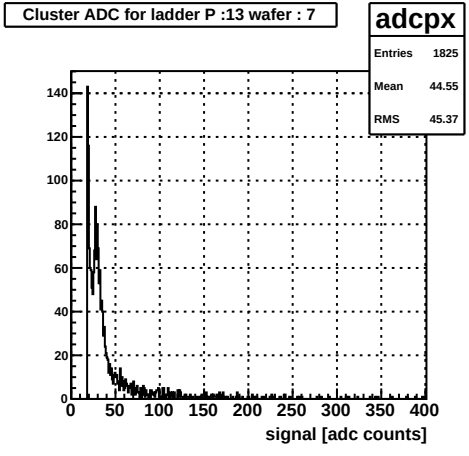

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14777
Mean 26.49
RMS 19.14
signal [adc counts]

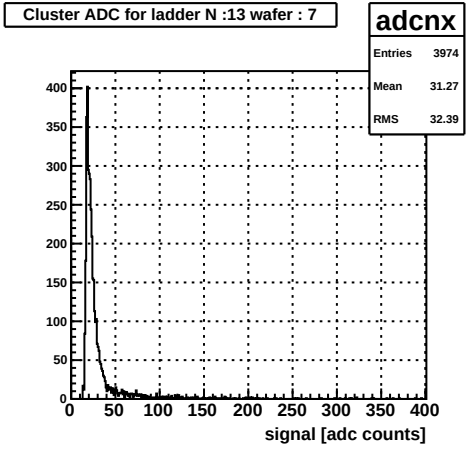

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3560
Mean 27.54
RMS 32.66
signal [adc counts]

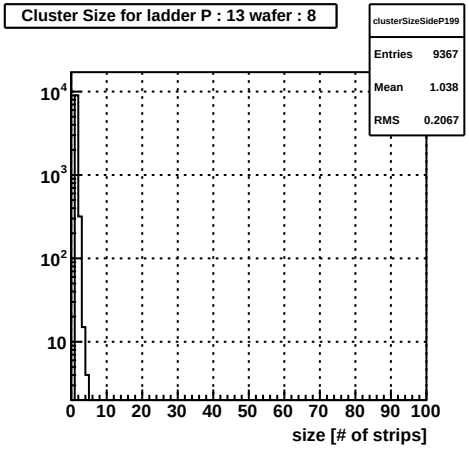

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1825
Mean 1.07
RMS 0.3194
size [# of strips]

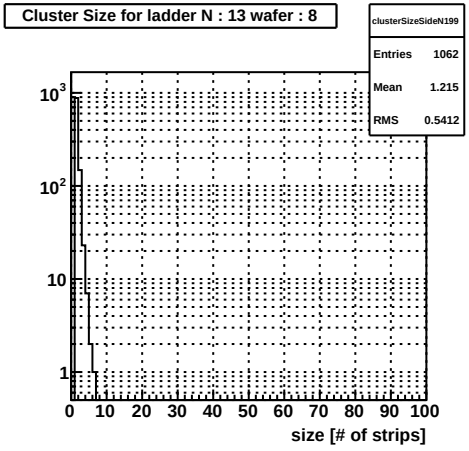

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3974
Mean 1.121
RMS 0.4647
size [# of strips]

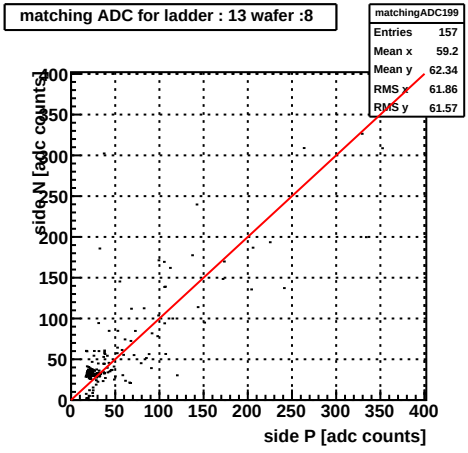

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 382
Mean x 85.48
Mean y 79.2
RMS x 66.32
RMS y 60.06
side N [adc counts]
side P [adc counts]

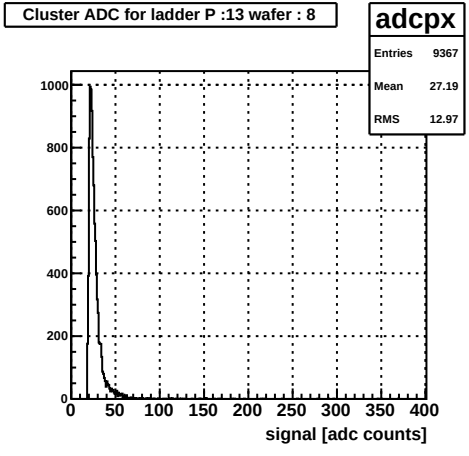

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1825
Mean 44.55
RMS 45.37
signal [adc counts]

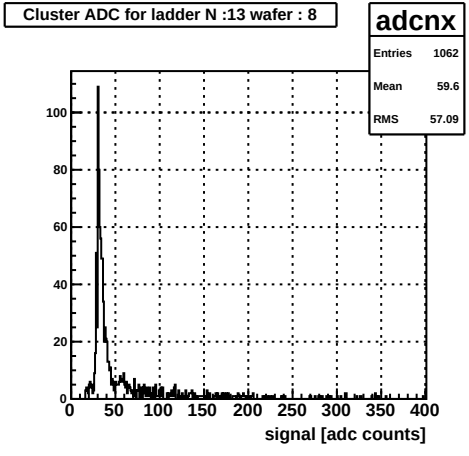

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3974
Mean 31.27
RMS 32.39
signal [adc counts]

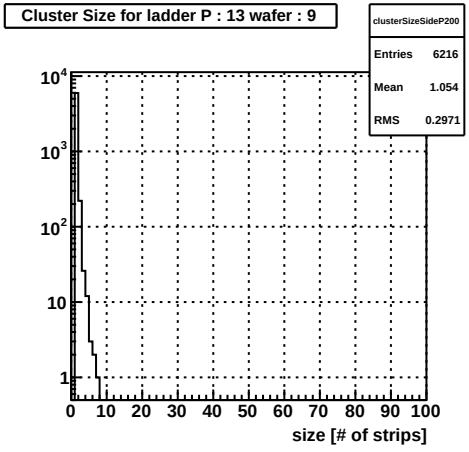

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9367
Mean 1.038
RMS 0.2067
size [# of strips]

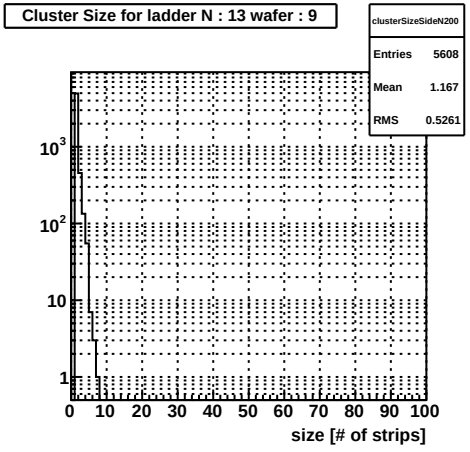

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1062
Mean 1.215
RMS 0.5412
size [# of strips]

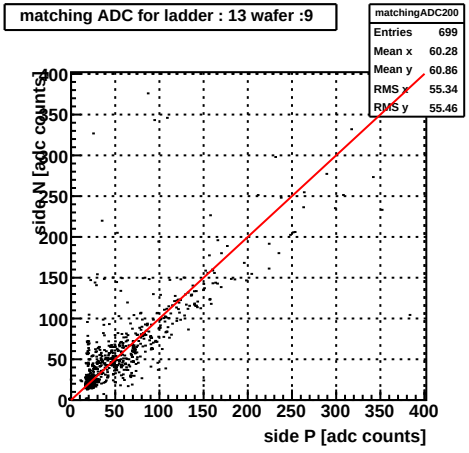

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 157
Mean x 59.2
Mean y 62.34
RMS x 61.86
RMS y 61.57
side N [adc counts]
side P [adc counts]

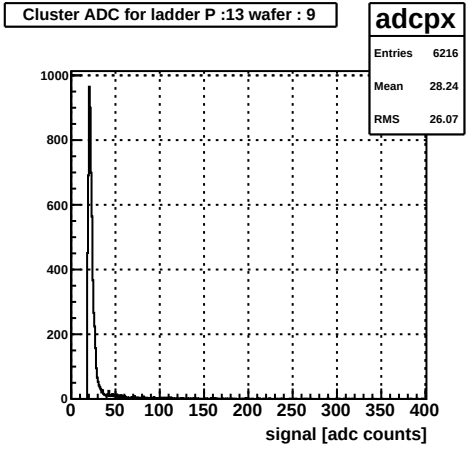

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9367
Mean 27.19
RMS 12.97
signal [adc counts]

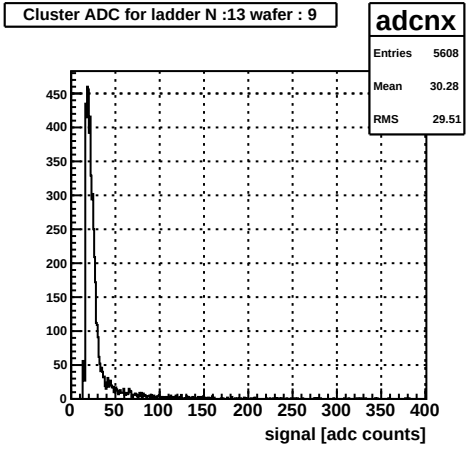

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1062
Mean 59.6
RMS 57.09
signal [adc counts]

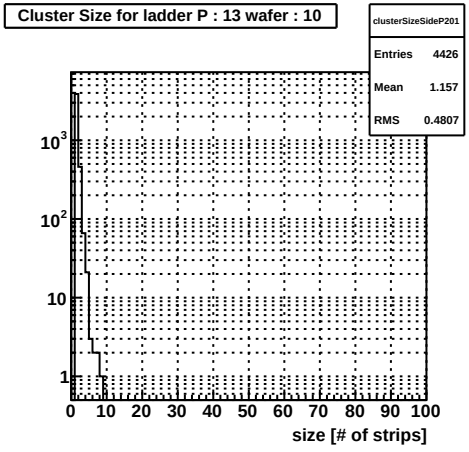

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6216
Mean 1.054
RMS 0.2971
size [# of strips]

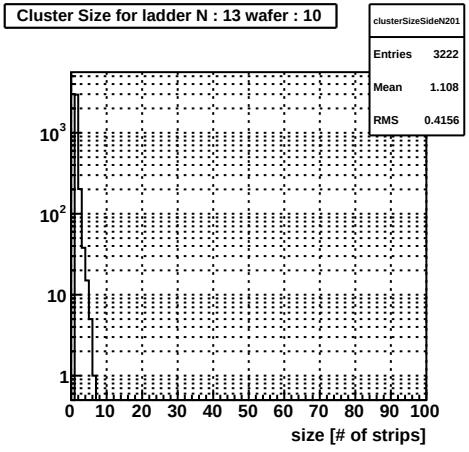

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5608
Mean 1.167
RMS 0.5261
size [# of strips]

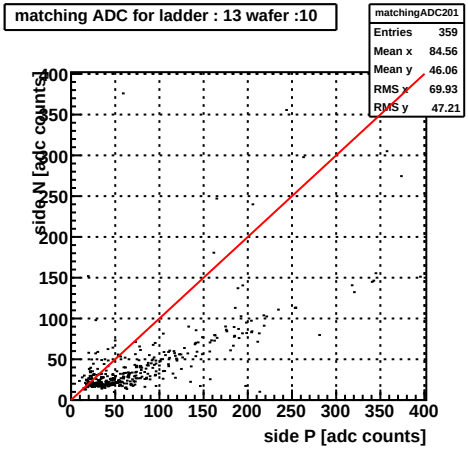

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 699
Mean x 60.28
Mean y 60.86
RMS x 55.34
RMS y 55.46
side N [adc counts]
side P [adc counts]

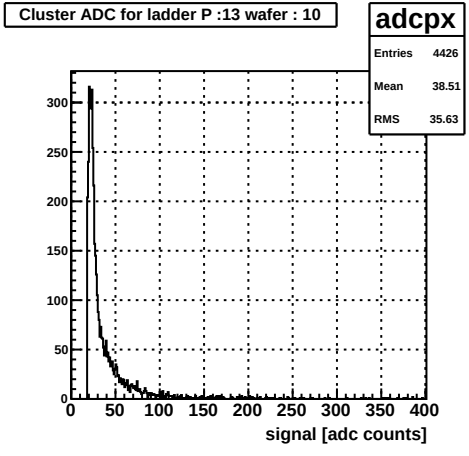

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6216
Mean 28.24
RMS 26.07
signal [adc counts]

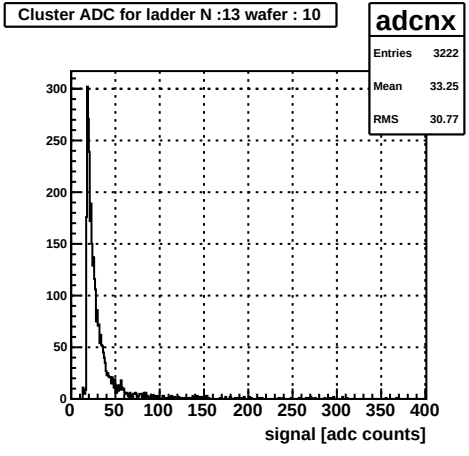

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5608
Mean 30.28
RMS 29.51
signal [adc counts]

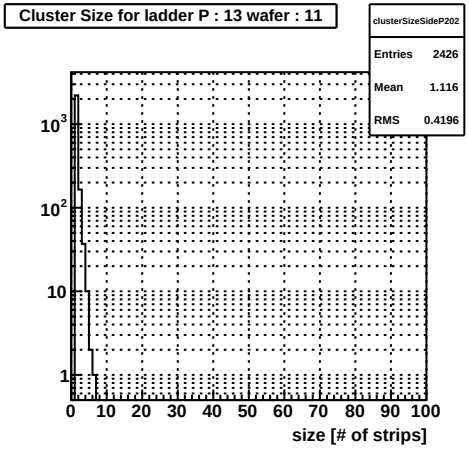

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4426
Mean 1.157
RMS 0.4807
size [# of strips]

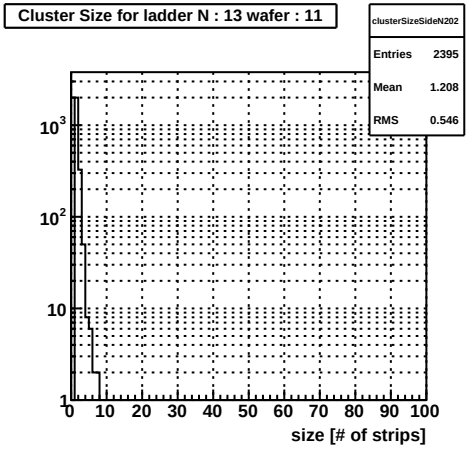

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3222
Mean 1.108
RMS 0.4156
size [# of strips]

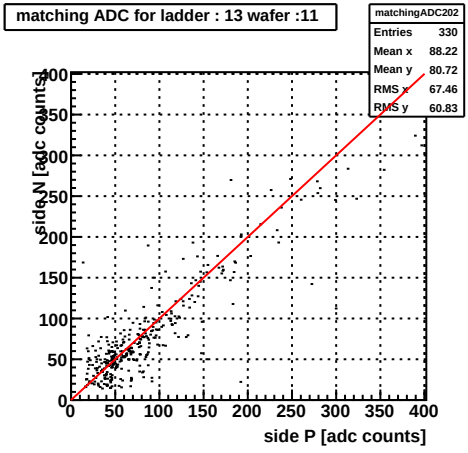

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 359
Mean x 84.56
Mean y 46.06
RMS x 69.93
RMS y 47.21
side N [adc counts]
side P [adc counts]

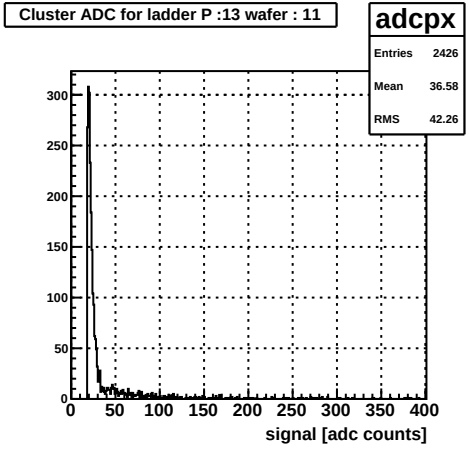

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4426
Mean 38.51
RMS 35.63
signal [adc counts]

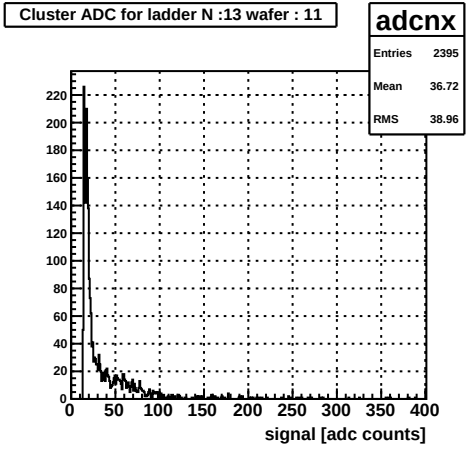

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3222
Mean 33.25
RMS 30.77
signal [adc counts]

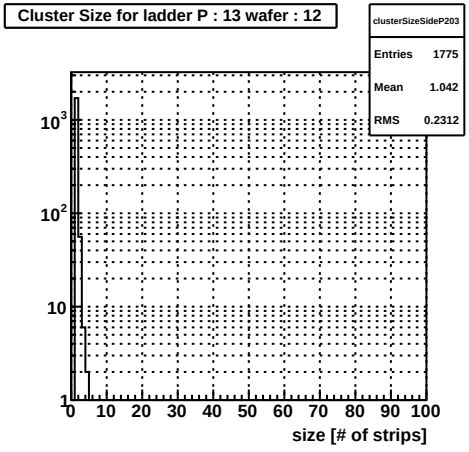

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2426
Mean 1.116
RMS 0.4196
size [# of strips]

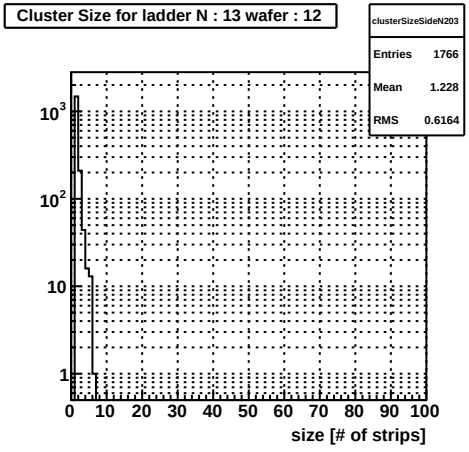

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2395
Mean 1.208
RMS 0.546
size [# of strips]

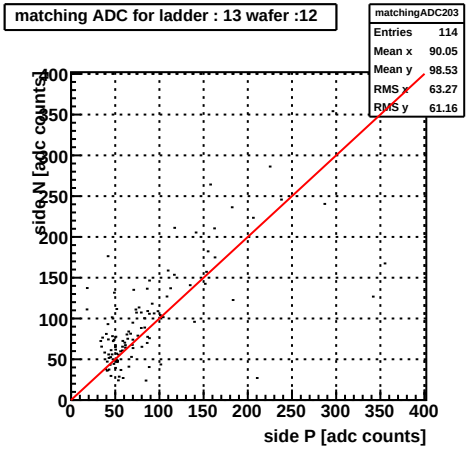

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 330
Mean x 88.22
Mean y 80.72
RMS x 67.46
RMS y 60.83
side N [adc counts]
side P [adc counts]

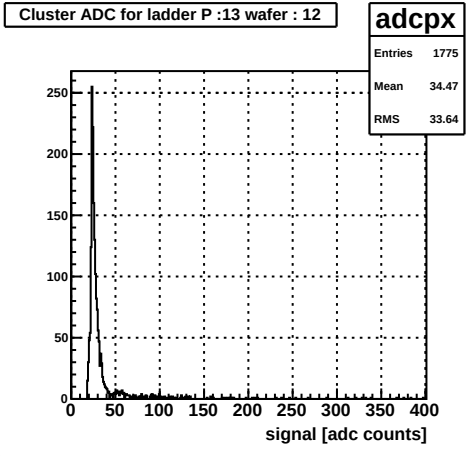

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2426
Mean 36.58
RMS 42.26
signal [adc counts]

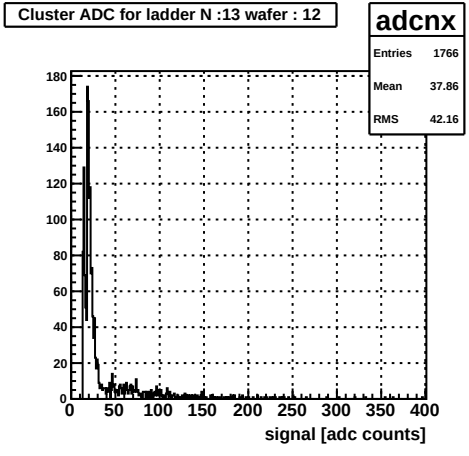

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2395
Mean 36.72
RMS 38.96
signal [adc counts]

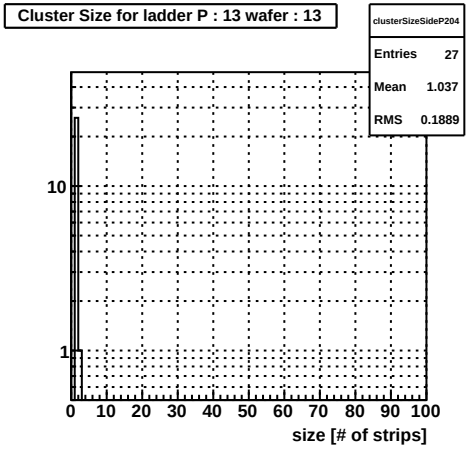

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1775
Mean 1.042
RMS 0.2312
size [# of strips]

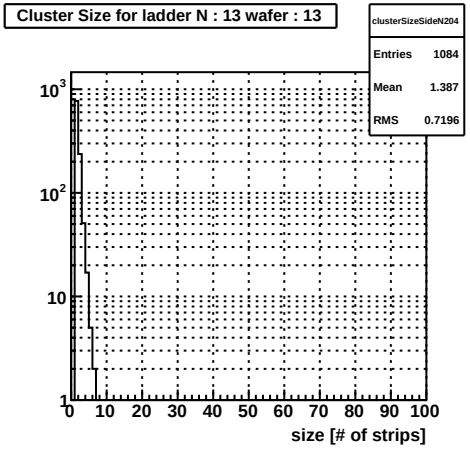

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1766
Mean 1.228
RMS 0.6164
size [# of strips]

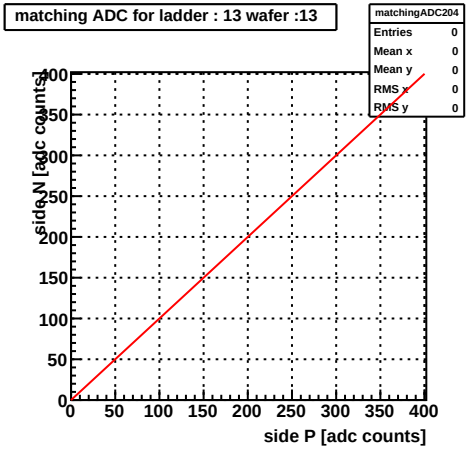

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 114
Mean x 90.05
Mean y 98.53
RMS x 63.27
RMS y 61.16
side N [adc counts]
side P [adc counts]

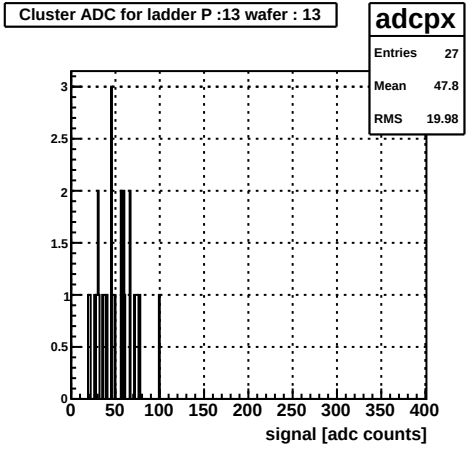

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1775
Mean 34.47
RMS 33.64
signal [adc counts]

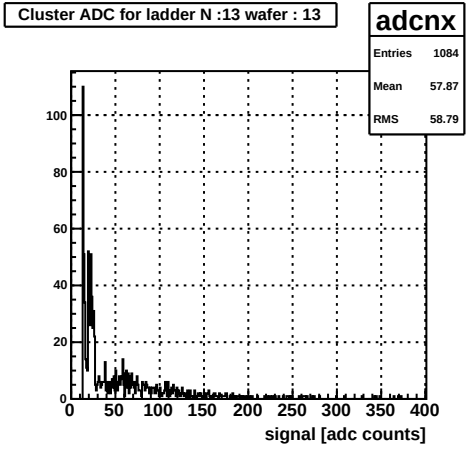

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1766
Mean 37.86
RMS 42.16
signal [adc counts]

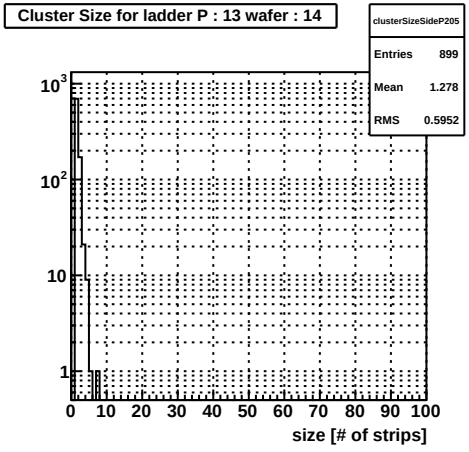

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 27
Mean 1.037
RMS 0.1889
size [# of strips]

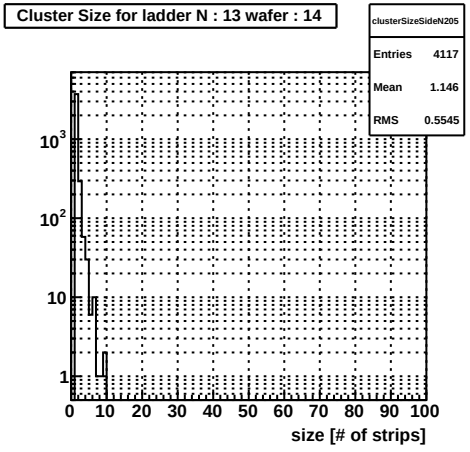

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1084
Mean 1.387
RMS 0.7196
size [# of strips]

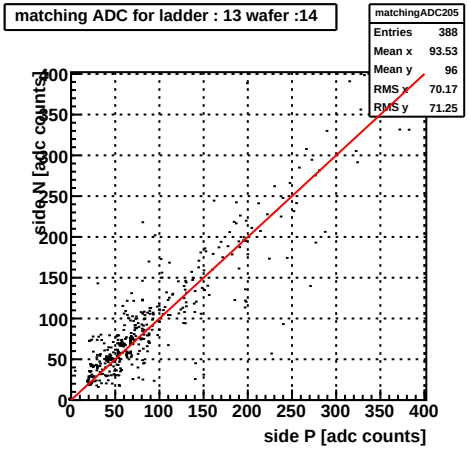

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

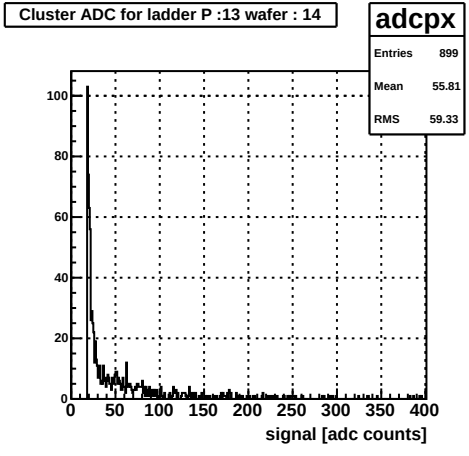

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 27
Mean 47.8
RMS 19.98
signal [adc counts]

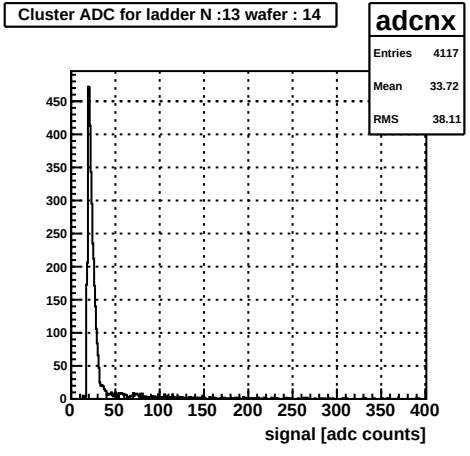

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1084
Mean 57.87
RMS 58.79
signal [adc counts]

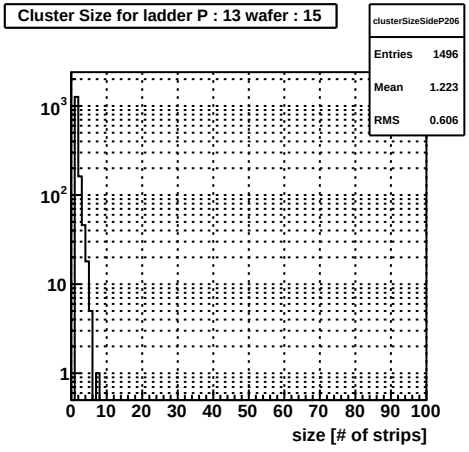

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 899
Mean 1.278
RMS 0.5952
size [# of strips]

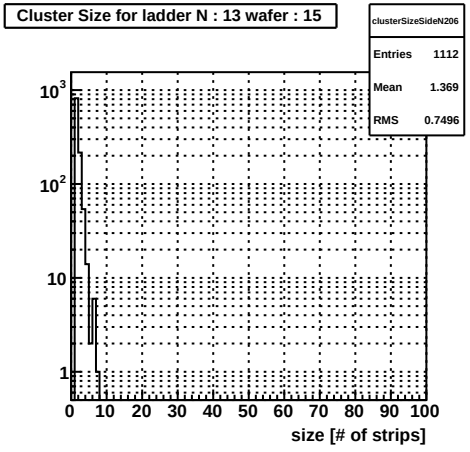

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4117
Mean 1.146
RMS 0.5545
size [# of strips]

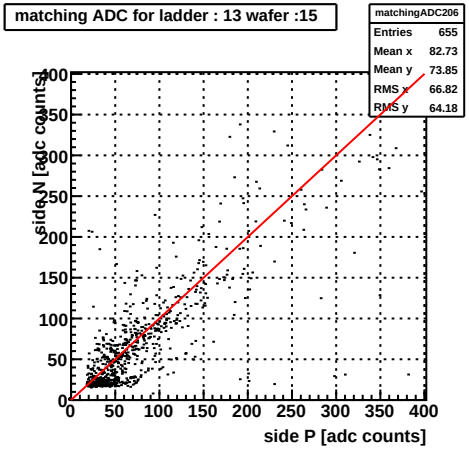

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 388
Mean x 93.53
Mean y 96
RMS x 70.17
RMS y 71.25
side N [adc counts]
side P [adc counts]

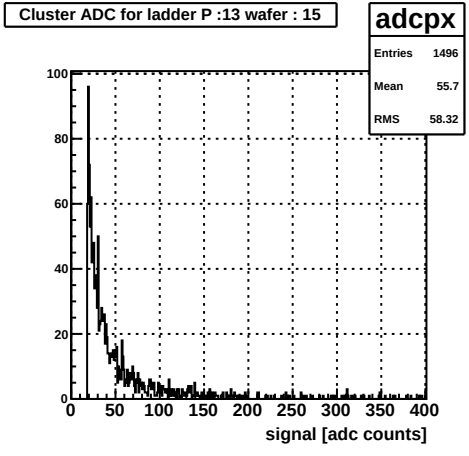

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 899
Mean 55.81
RMS 59.33
signal [adc counts]

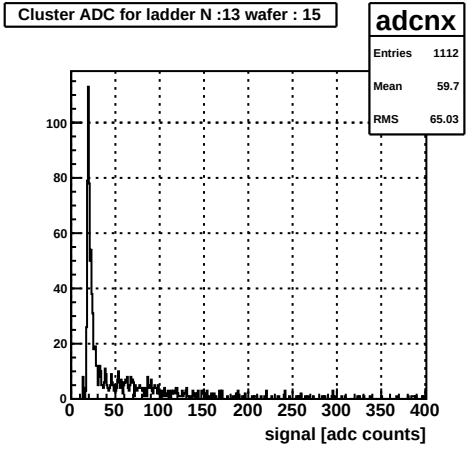

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4117
Mean 33.72
RMS 38.11
signal [adc counts]

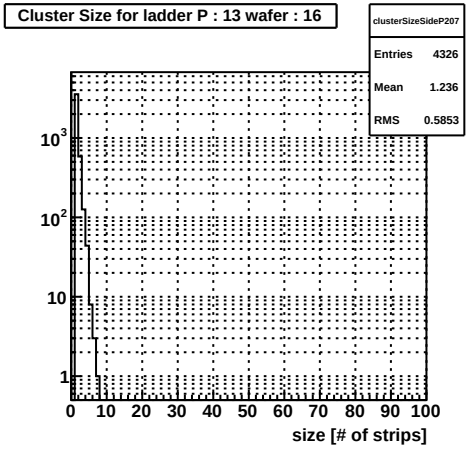

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1496
Mean 1.223
RMS 0.606
size [# of strips]

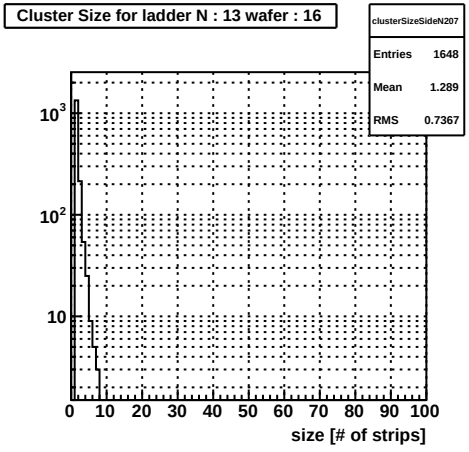

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1112
Mean 1.369
RMS 0.7496
size [# of strips]

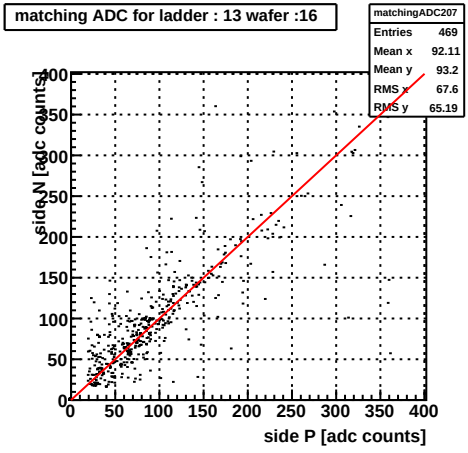

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 655
Mean x 82.73
Mean y 73.85
RMS x 66.82
RMS y 64.18
side N [adc counts]
side P [adc counts]

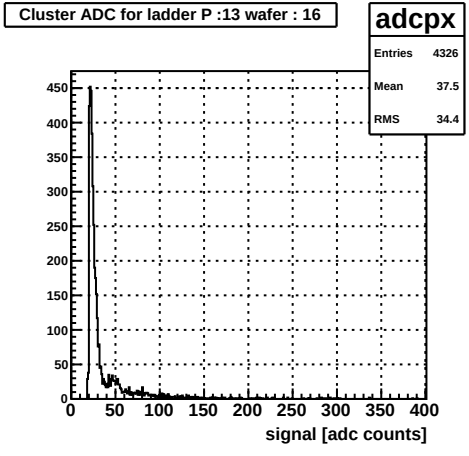

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1496
Mean 55.7
RMS 58.32
signal [adc counts]

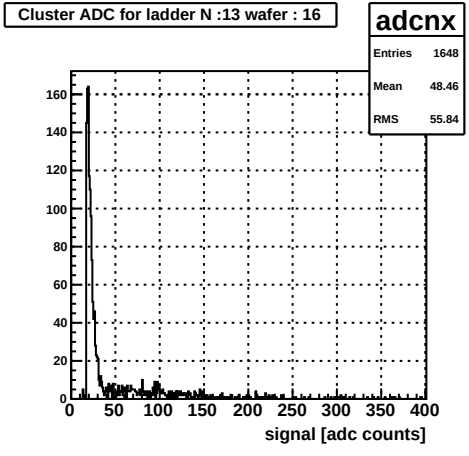

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1112
Mean 59.7
RMS 65.03
signal [adc counts]

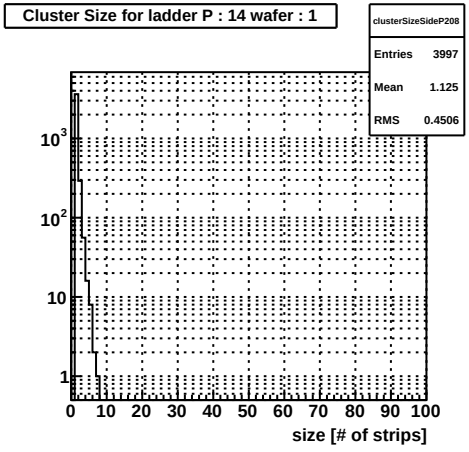

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4326
Mean 1.236
RMS 0.5853
size [# of strips]

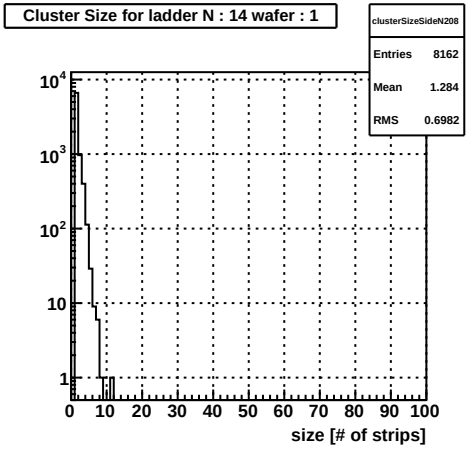

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1648
Mean 1.289
RMS 0.7367
size [# of strips]

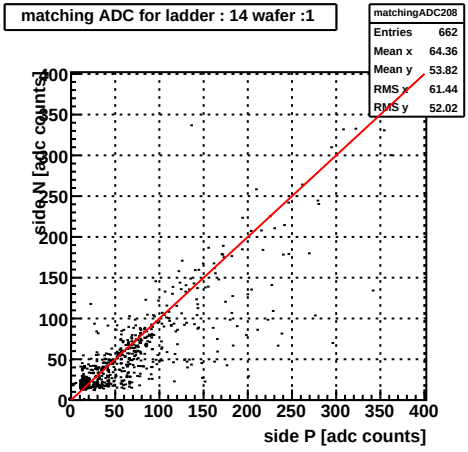

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 469
Mean x 92.11
Mean y 93.2
RMS x 67.6
RMS y 65.19
side N [adc counts]
side P [adc counts]

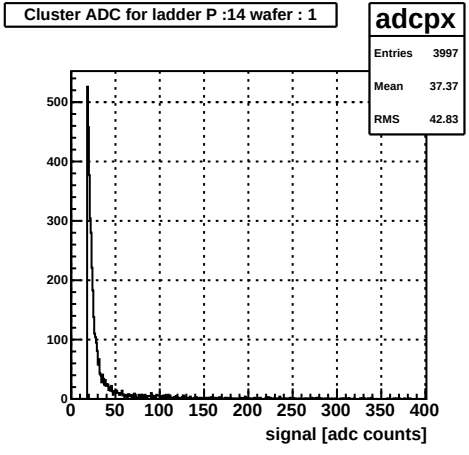

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4326
Mean 37.5
RMS 34.4
signal [adc counts]

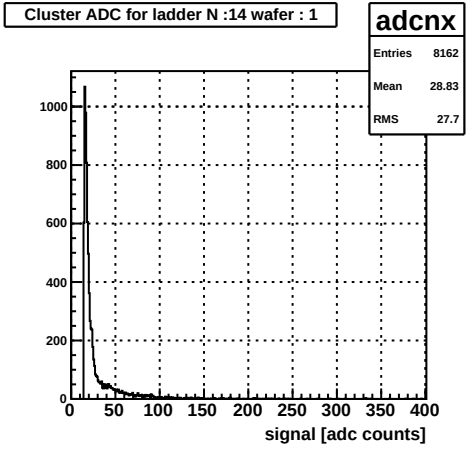

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1648
Mean 48.46
RMS 55.84
signal [adc counts]

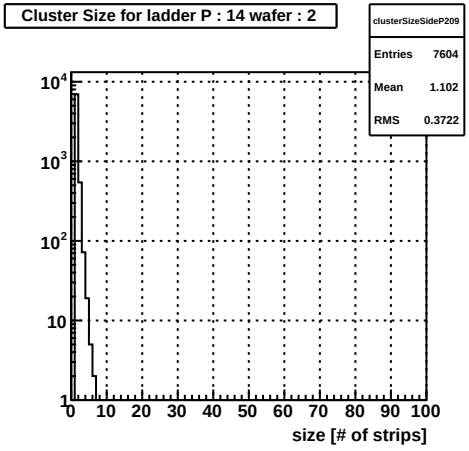

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3997
Mean 1.125
RMS 0.4506
size [# of strips]

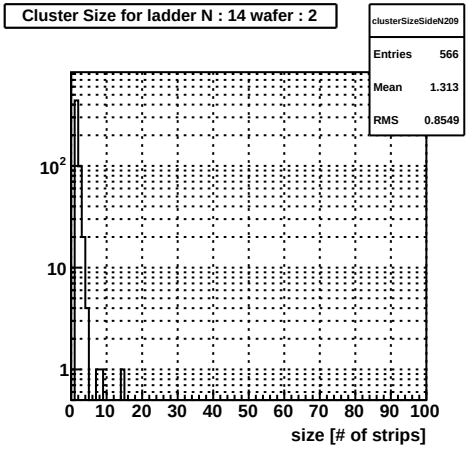

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8162
Mean 1.284
RMS 0.6982
size [# of strips]

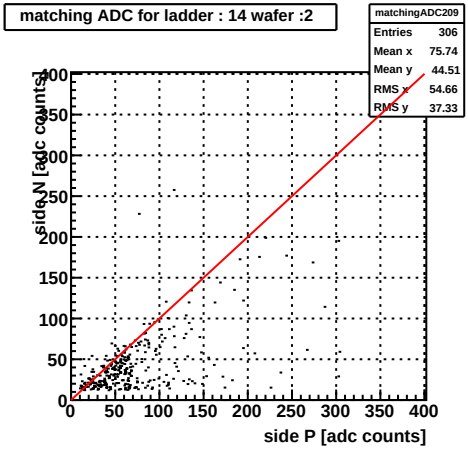

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 662
Mean x 64.36
Mean y 53.82
RMS x 61.44
RMS y 52.02
side N [adc counts]
side P [adc counts]

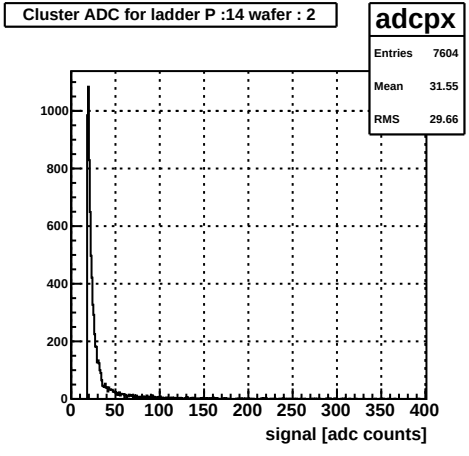

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3997
Mean 37.37
RMS 42.83
signal [adc counts]

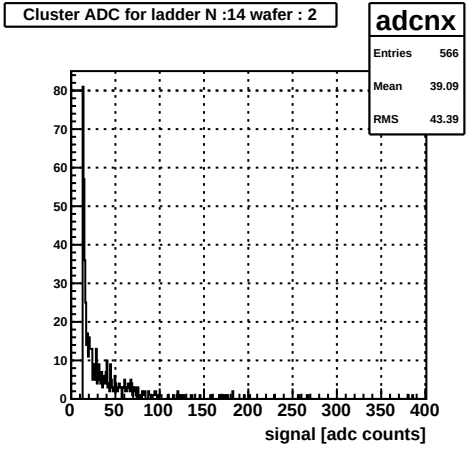

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8162
Mean 28.83
RMS 27.7
signal [adc counts]

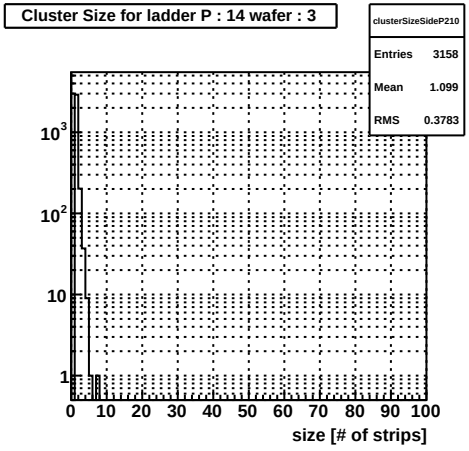

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7604
Mean 1.102
RMS 0.3722
size [# of strips]

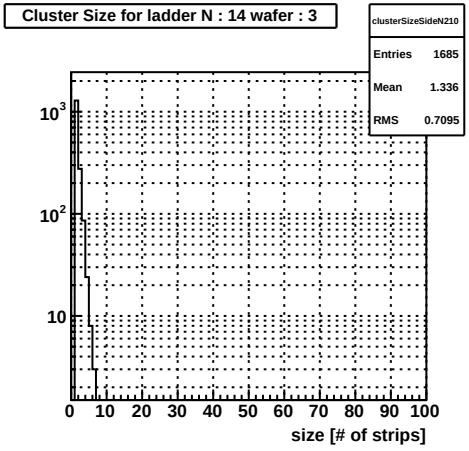

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 566
Mean 1.313
RMS 0.8549
size [# of strips]

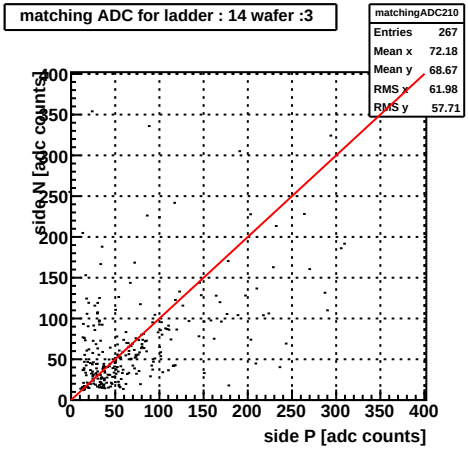

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 306
Mean x 75.74
Mean y 44.51
RMS x 54.66
RMS y 37.33
side N [adc counts]
side P [adc counts]

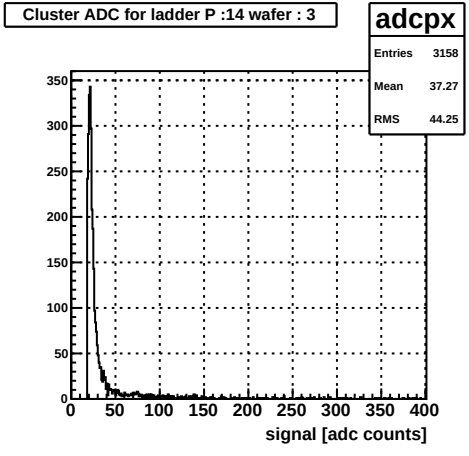

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7604
Mean 31.55
RMS 29.66
signal [adc counts]

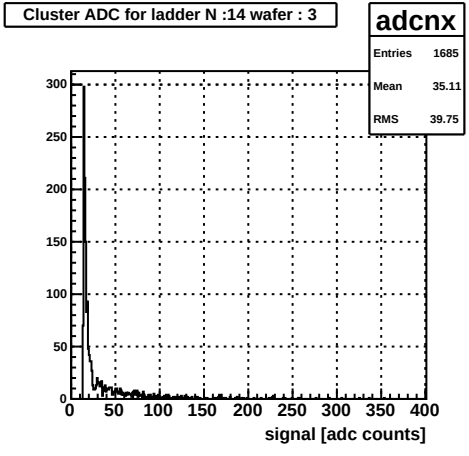

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 566
Mean 39.09
RMS 43.39
signal [adc counts]

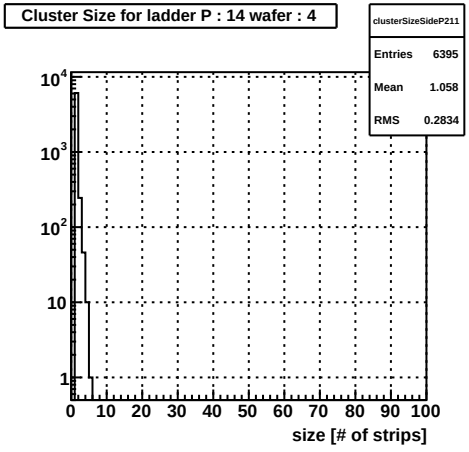

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3158
Mean 1.099
RMS 0.3783
size [# of strips]

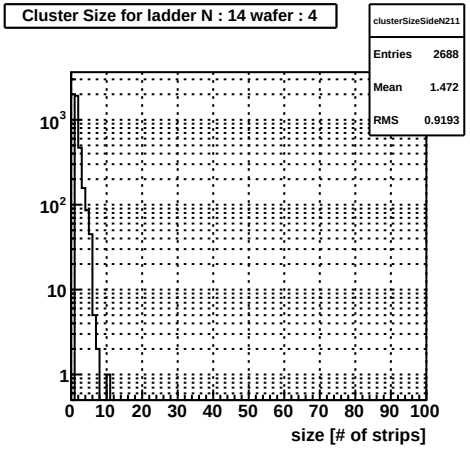

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1685
Mean 1.336
RMS 0.7095
size [# of strips]

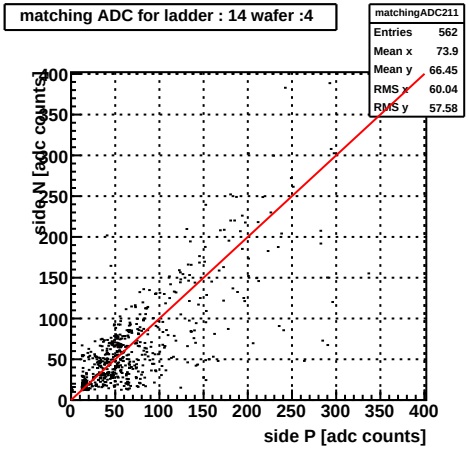

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 267
Mean x 72.18
Mean y 68.67
RMS x 61.98
RMS y 57.71
side N [adc counts]
side P [adc counts]

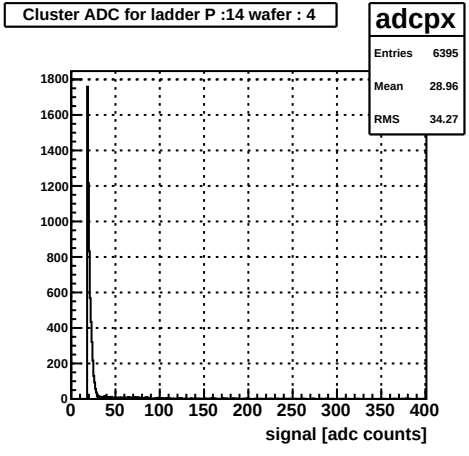

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3158
Mean 37.27
RMS 44.25
signal [adc counts]

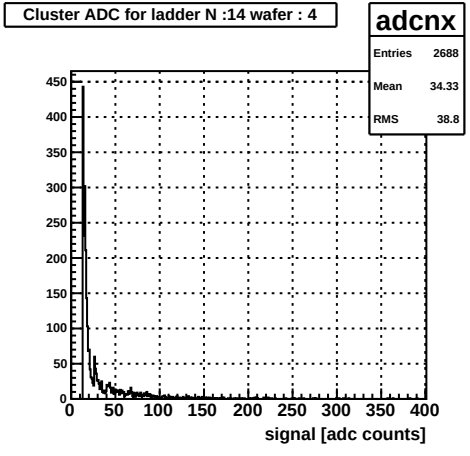

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1685
Mean 35.11
RMS 39.75
signal [adc counts]

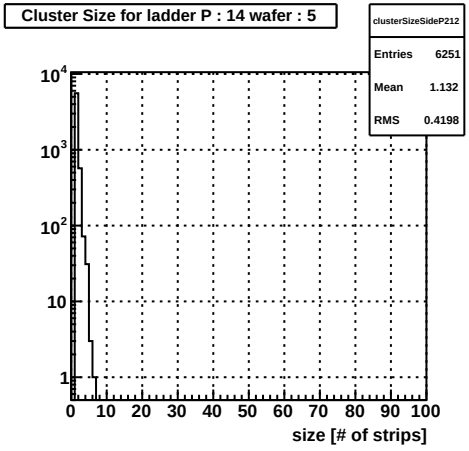

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6395
Mean 1.058
RMS 0.2834
size [# of strips]

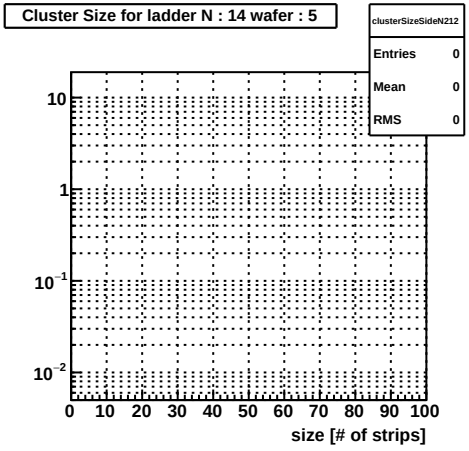

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2688
Mean 1.472
RMS 0.9193
size [# of strips]

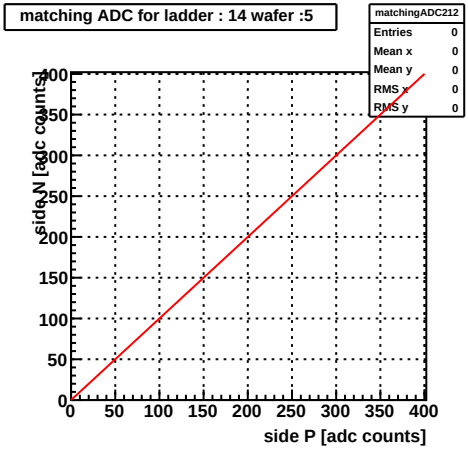

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 562
Mean x 73.9
Mean y 66.45
RMS x 60.04
RMS y 57.58
side N [adc counts]
side P [adc counts]

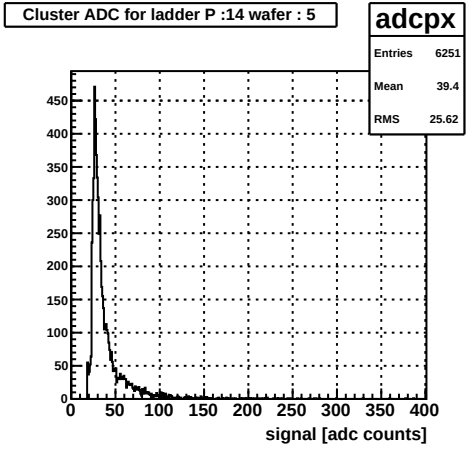

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6395
Mean 28.96
RMS 34.27
signal [adc counts]

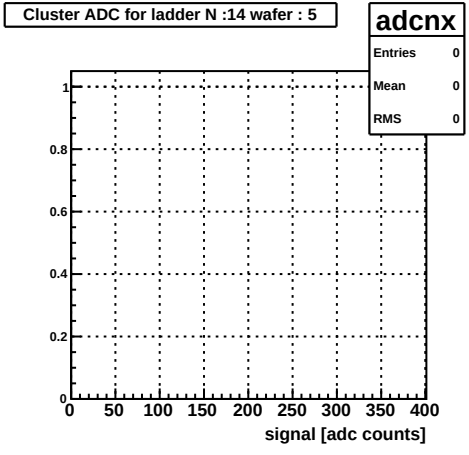

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2688
Mean 34.33
RMS 38.8
signal [adc counts]

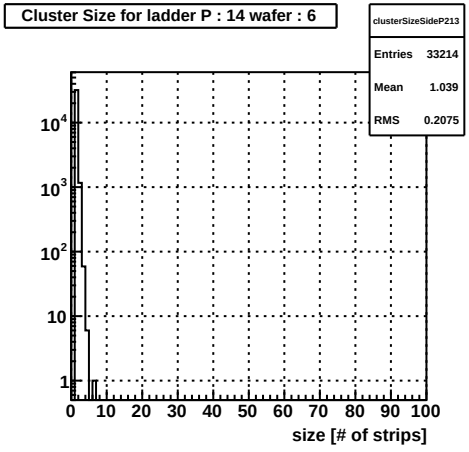

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6251
Mean 1.132
RMS 0.4198
size [# of strips]

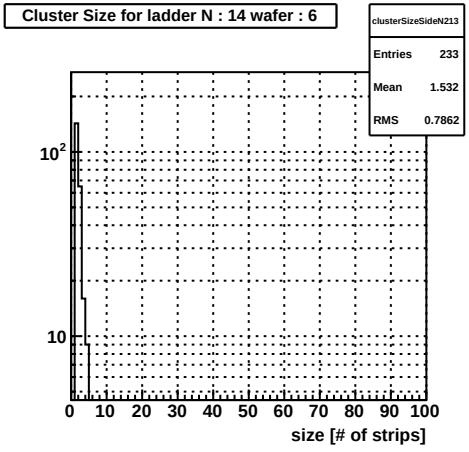

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

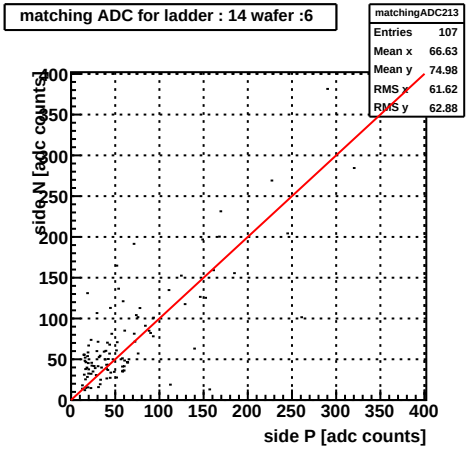

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

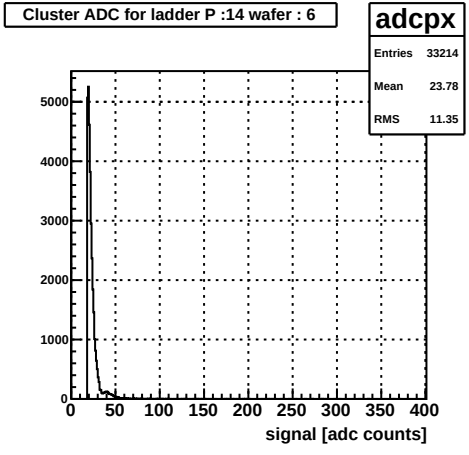

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6251
Mean 39.4
RMS 25.62
signal [adc counts]

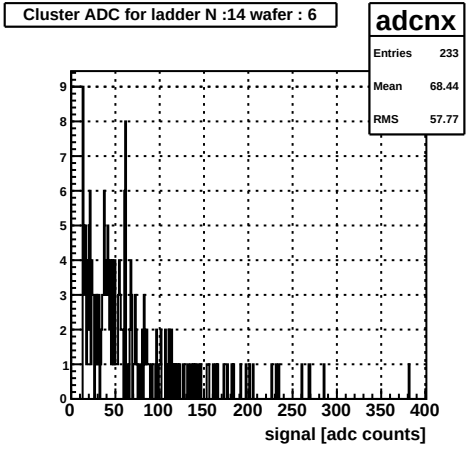

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

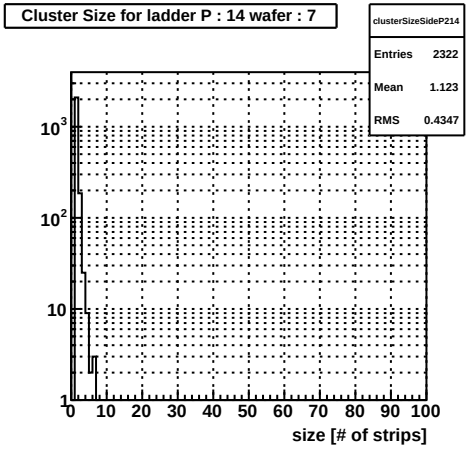

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 33214
Mean 1.039
RMS 0.2075
size [# of strips]

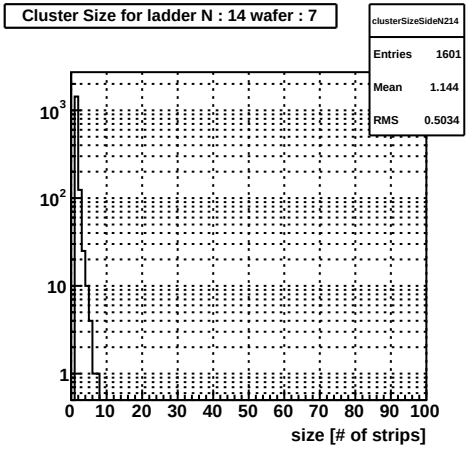

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 233
Mean 1.532
RMS 0.7862
size [# of strips]

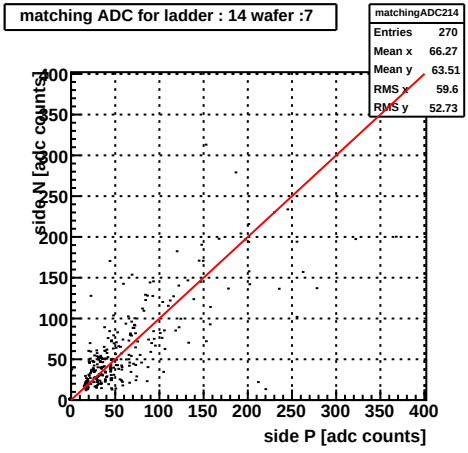

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 107
Mean x 66.63
Mean y 74.98
RMS x 61.62
RMS y 62.88
side N [adc counts]
side P [adc counts]

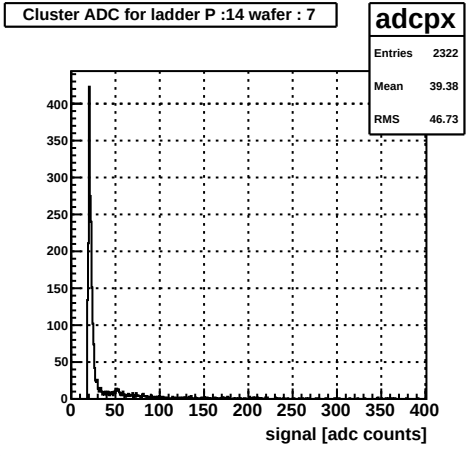

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 33214
Mean 23.78
RMS 11.35
signal [adc counts]

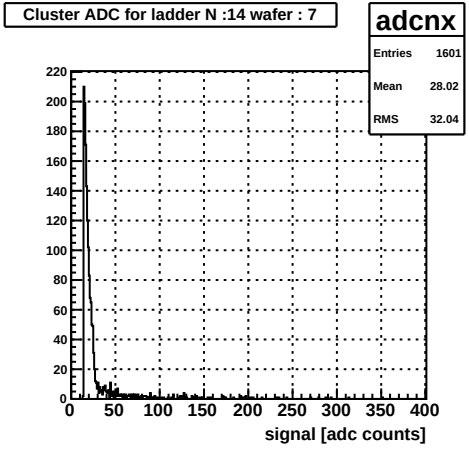

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 233
Mean 68.44
RMS 57.77
signal [adc counts]

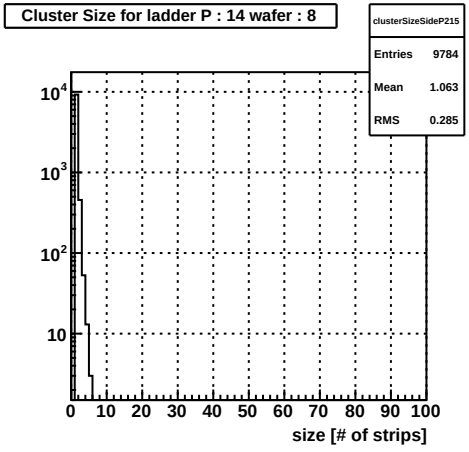

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2322
Mean 1.123
RMS 0.4347
size [# of strips]

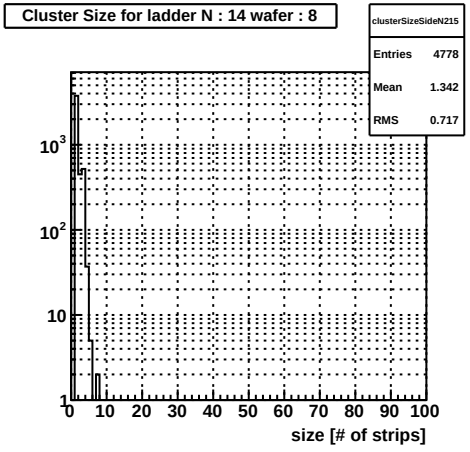

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1601
Mean 1.144
RMS 0.5034
size [# of strips]

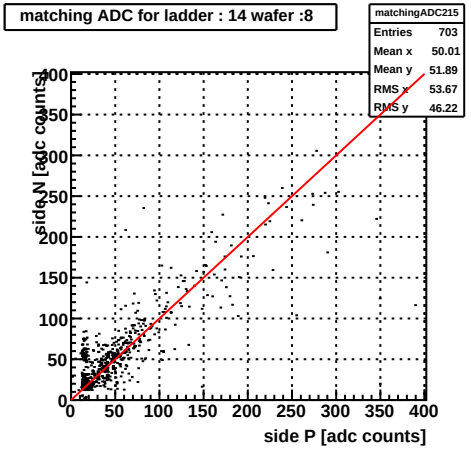

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 270
Mean x 66.27
Mean y 63.51
RMS x 59.6
RMS y 52.73
side N [adc counts]
side P [adc counts]

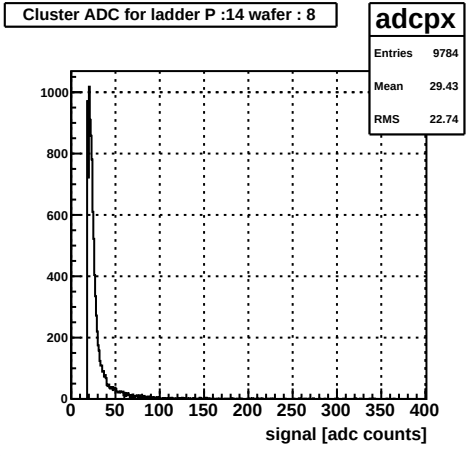

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2322
Mean 39.38
RMS 46.73
signal [adc counts]

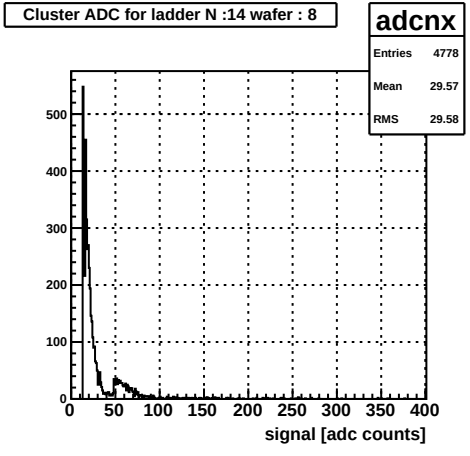

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1601
Mean 28.02
RMS 32.04
signal [adc counts]

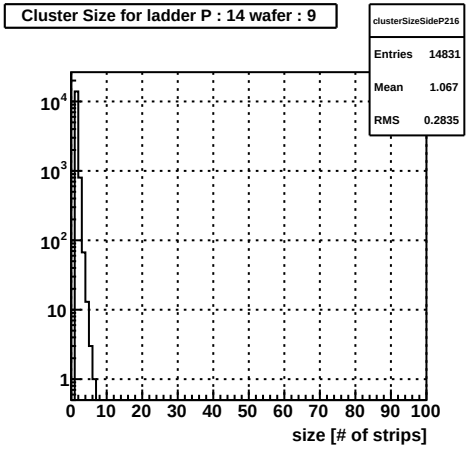

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 9784
Mean 1.063
RMS 0.285
size [# of strips]

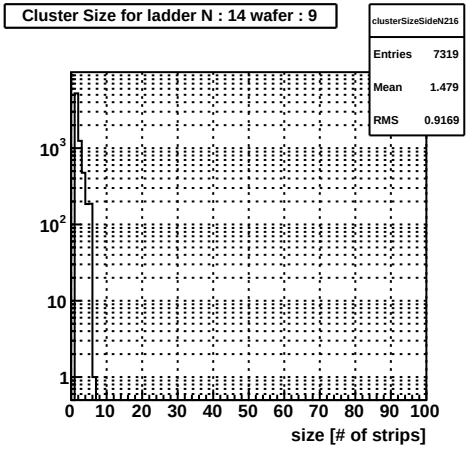

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 4778
Mean 1.342
RMS 0.717
size [# of strips]

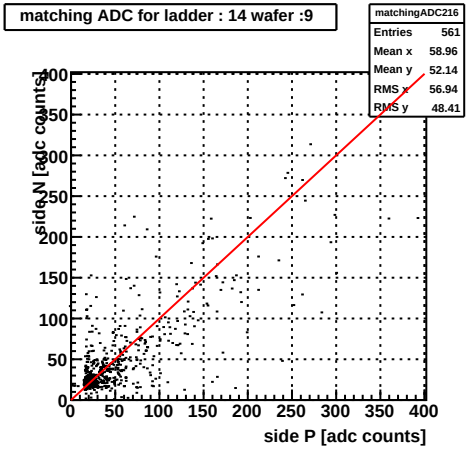

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 703
Mean x 50.01
Mean y 51.89
RMS x 53.67
RMS y 46.22
side N [adc counts]
side P [adc counts]

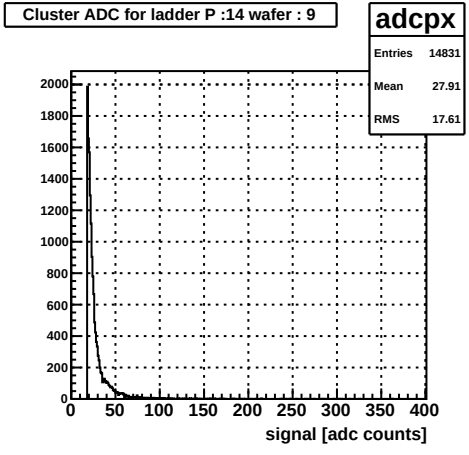

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 9784
Mean 29.43
RMS 22.74
signal [adc counts]

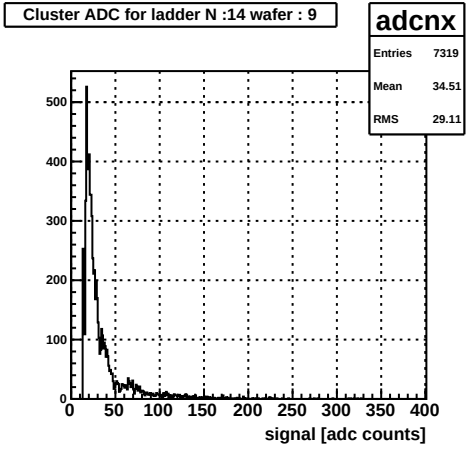

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 4778
Mean 29.57
RMS 29.58
signal [adc counts]

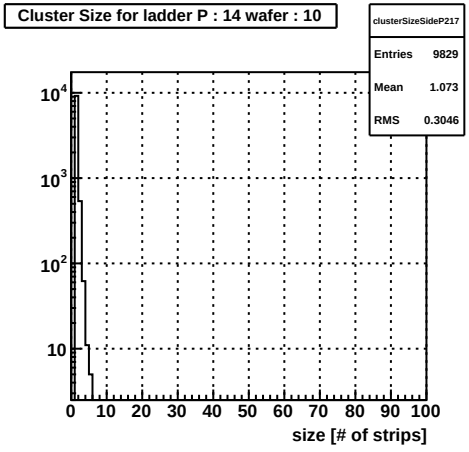

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14831
Mean 1.067
RMS 0.2835
size [# of strips]

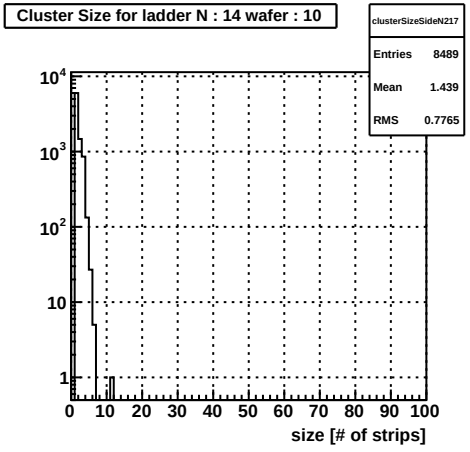

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 7319
Mean 1.479
RMS 0.9169
size [# of strips]

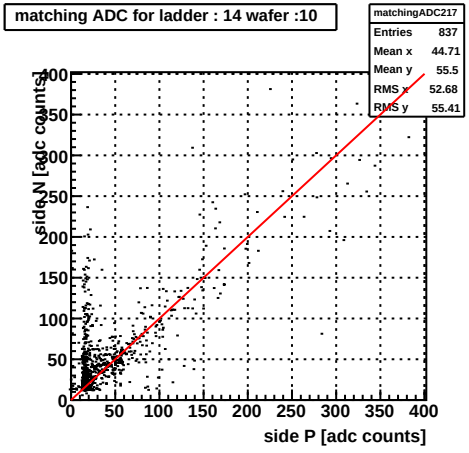

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 561
Mean x 58.96
Mean y 52.14
RMS x 56.94
RMS y 48.41
side N [adc counts]
side P [adc counts]

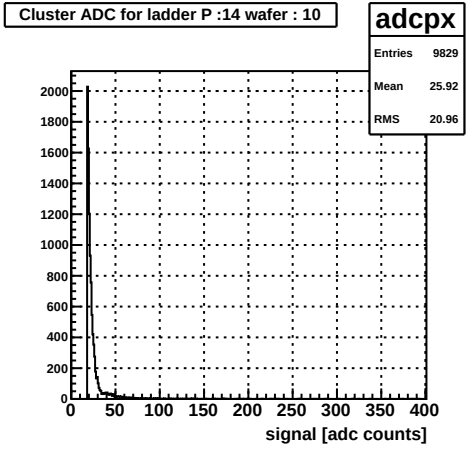

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14831
Mean 27.91
RMS 17.61
signal [adc counts]

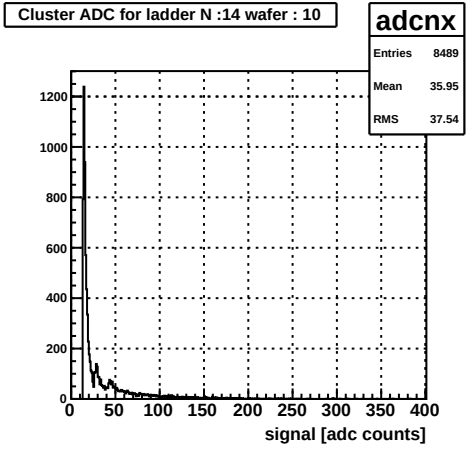

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 7319
Mean 34.51
RMS 29.11
signal [adc counts]

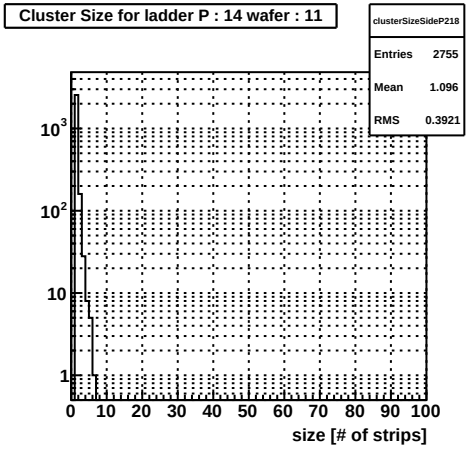

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9829
Mean 1.073
RMS 0.3046
size [# of strips]

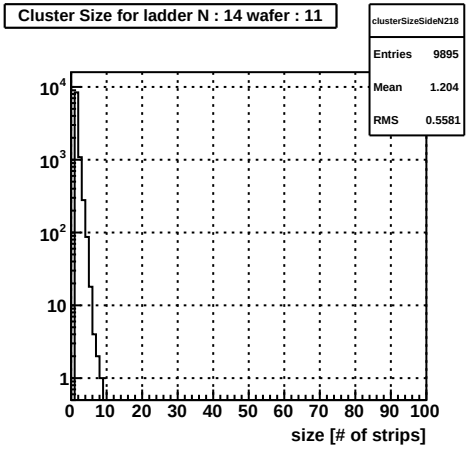

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8489
Mean 1.439
RMS 0.7765
size [# of strips]

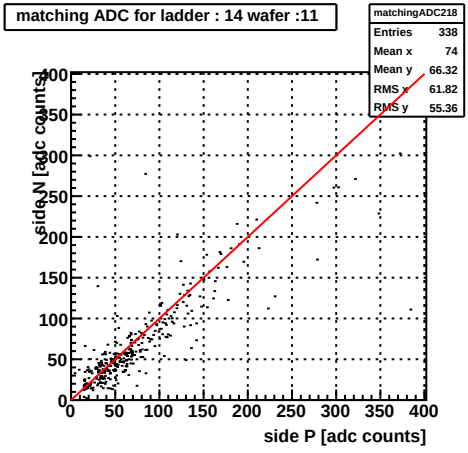

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 837
Mean x 44.71
Mean y 55.5
RMS x 52.68
RMS y 55.41
side N [adc counts]
side P [adc counts]

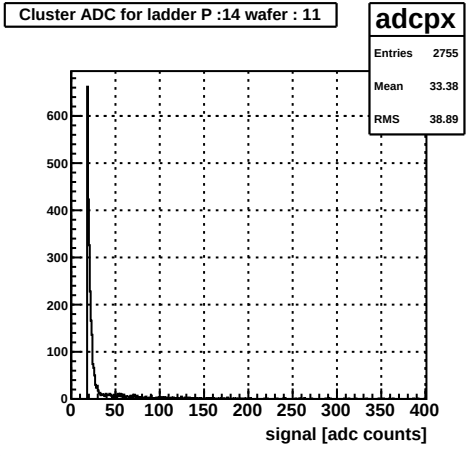

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9829
Mean 25.92
RMS 20.96
signal [adc counts]

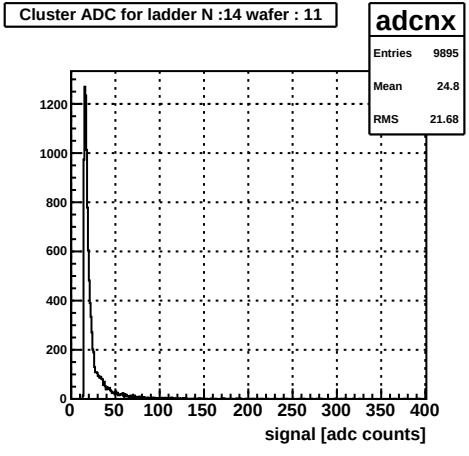

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8489
Mean 35.95
RMS 37.54
signal [adc counts]

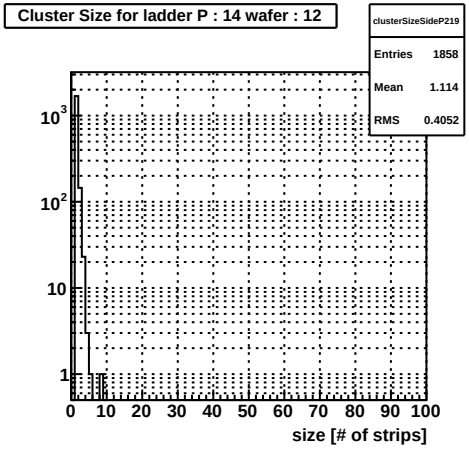

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2755
Mean 1.096
RMS 0.3921
size [# of strips]

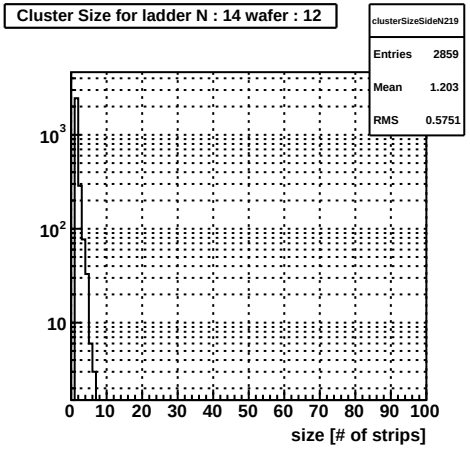

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9895
Mean 1.204
RMS 0.5581
size [# of strips]

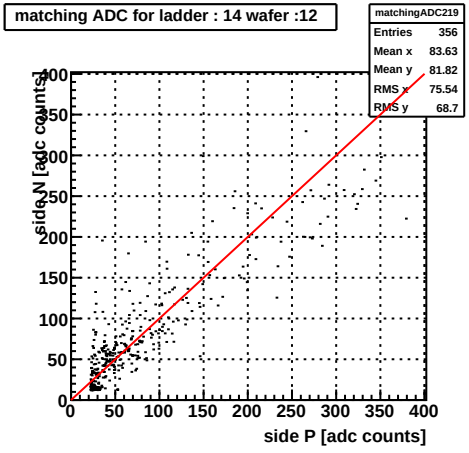

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 338
Mean x 74
Mean y 66.32
RMS x 61.82
RMS y 55.36
side N [adc counts]
side P [adc counts]

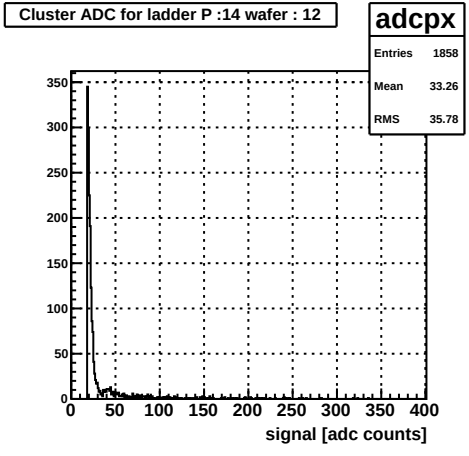

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2755
Mean 33.38
RMS 38.89
signal [adc counts]

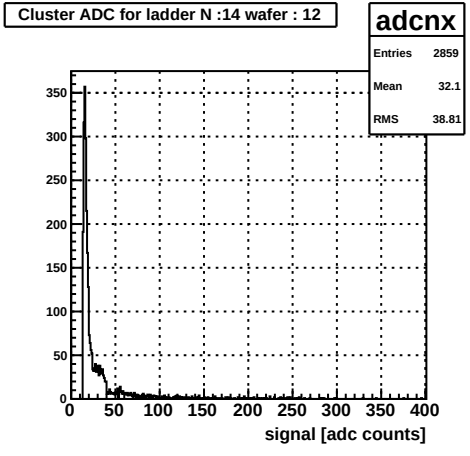

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9895
Mean 24.8
RMS 21.68
signal [adc counts]

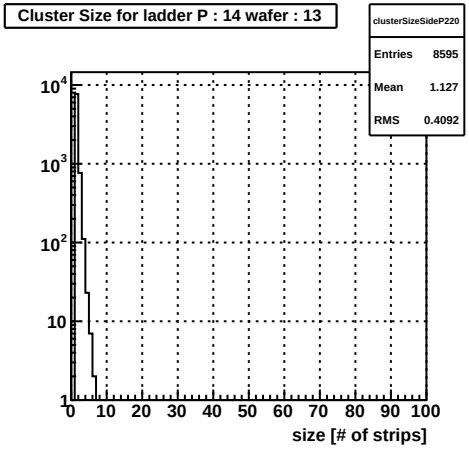

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1858
Mean 1.114
RMS 0.4052
size [# of strips]

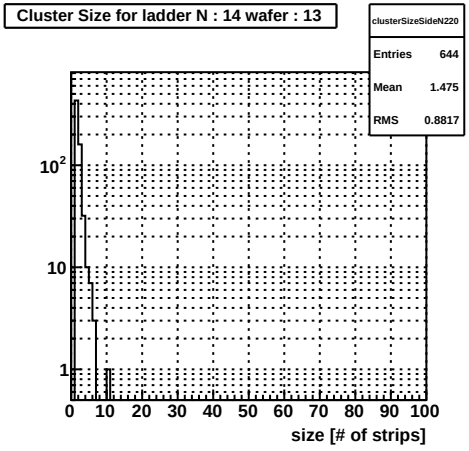

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2859
Mean 1.203
RMS 0.5751
size [# of strips]

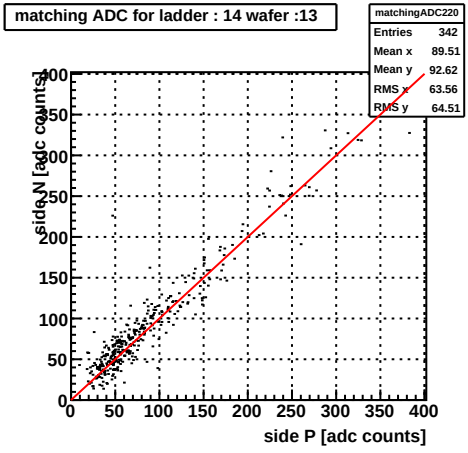

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 356
Mean x 83.63
Mean y 81.82
RMS x 75.54
RMS y 68.7
side N [adc counts]
side P [adc counts]

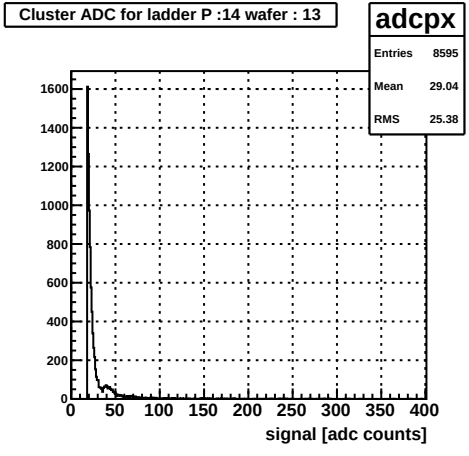

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1858
Mean 33.26
RMS 35.78
signal [adc counts]

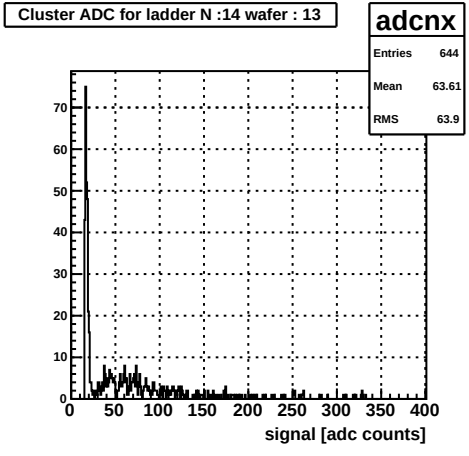

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2859
Mean 32.1
RMS 38.81
signal [adc counts]

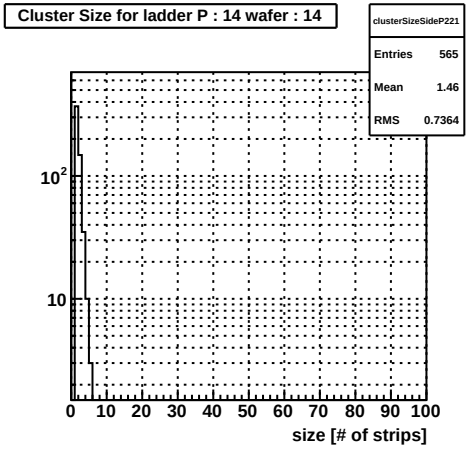

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8595
Mean 1.127
RMS 0.4092
size [# of strips]

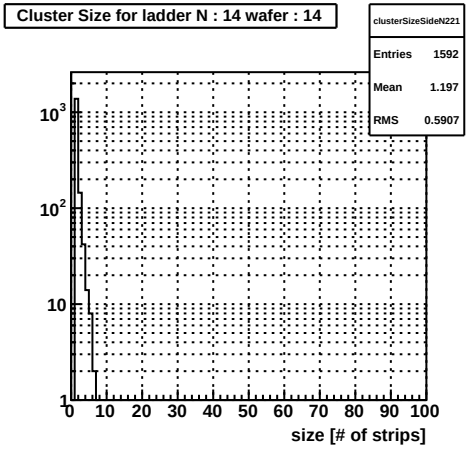

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 644
Mean 1.475
RMS 0.8817
size [# of strips]

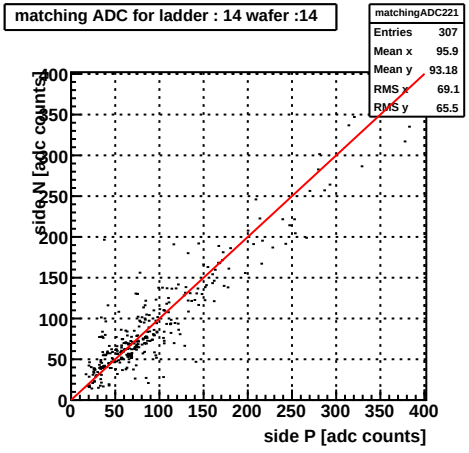

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 342
Mean x 89.51
Mean y 92.62
RMS x 63.56
RMS y 64.51
side N [adc counts]
side P [adc counts]

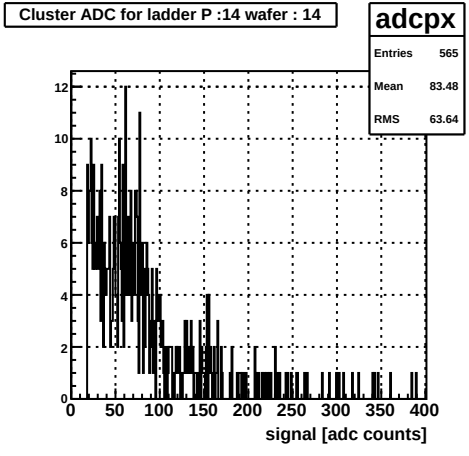

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8595
Mean 29.04
RMS 25.38
signal [adc counts]

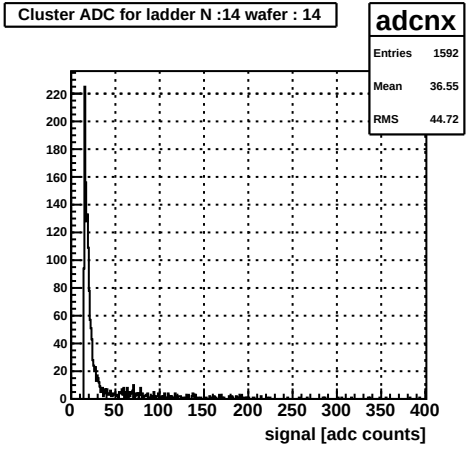

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 644
Mean 63.61
RMS 63.9
signal [adc counts]

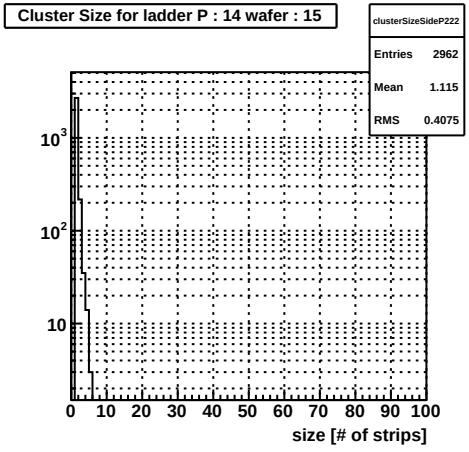

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 565
Mean 1.46
RMS 0.7364
size [# of strips]

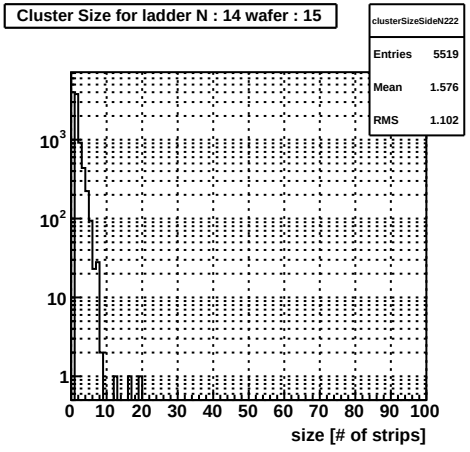

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1592
Mean 1.197
RMS 0.5907
size [# of strips]

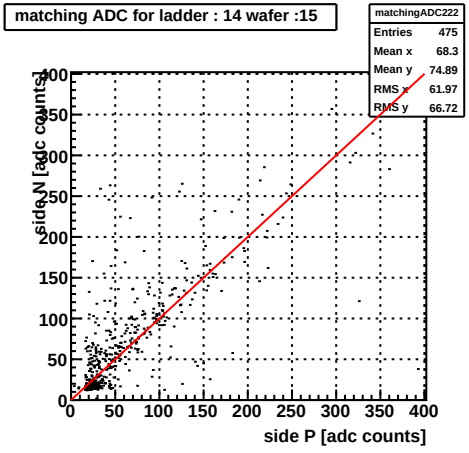

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 307
Mean x 95.9
Mean y 93.18
RMS x 69.1
RMS y 65.5
side N [adc counts]
side P [adc counts]

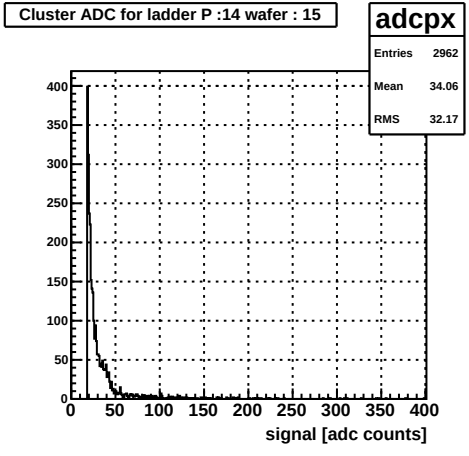

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 565
Mean 83.48
RMS 63.64
signal [adc counts]

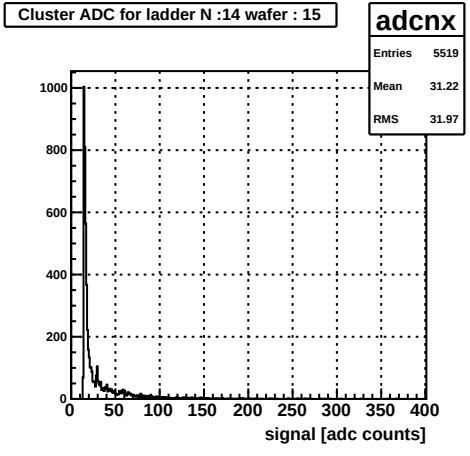

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1592
Mean 36.55
RMS 44.72
signal [adc counts]

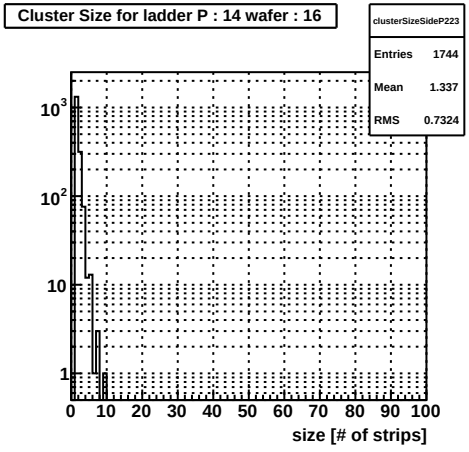

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2962
Mean 1.115
RMS 0.4075
size [# of strips]

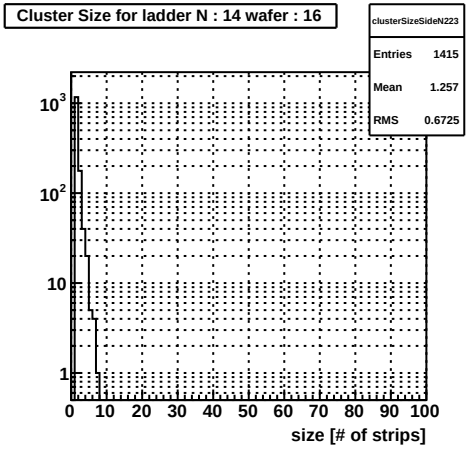

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5519
Mean 1.576
RMS 1.102
size [# of strips]

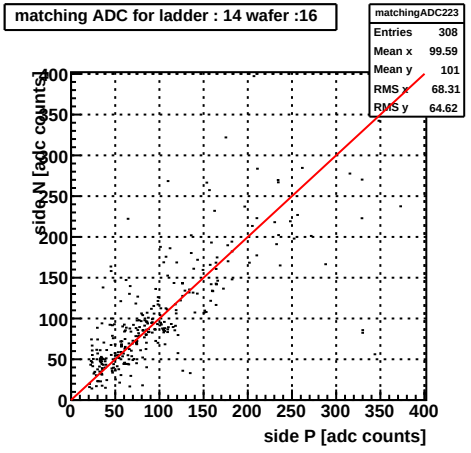

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 475
Mean x 68.3
Mean y 74.89
RMS x 61.97
RMS y 66.72
side N [adc counts]
side P [adc counts]

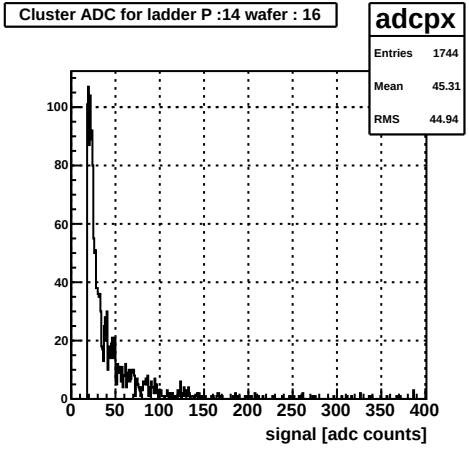

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2962
Mean 34.06
RMS 32.17
signal [adc counts]

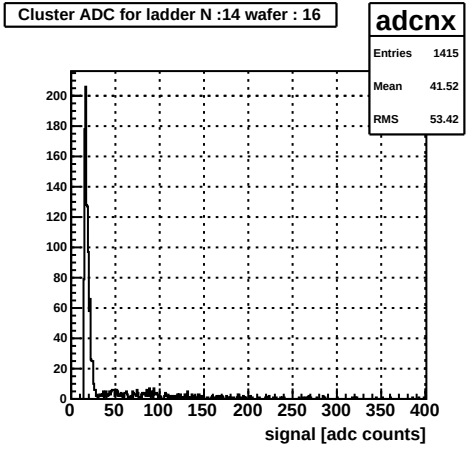

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5519
Mean 31.22
RMS 31.97
signal [adc counts]

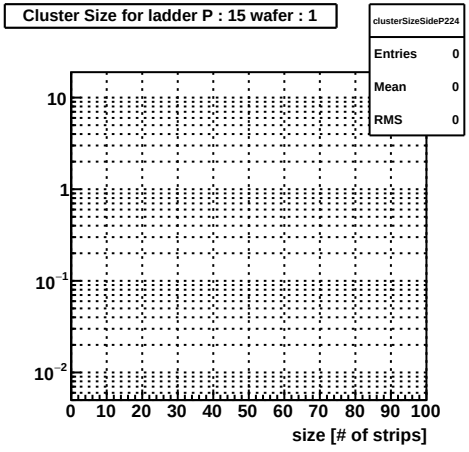

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1744
Mean 1.337
RMS 0.7324
size [# of strips]

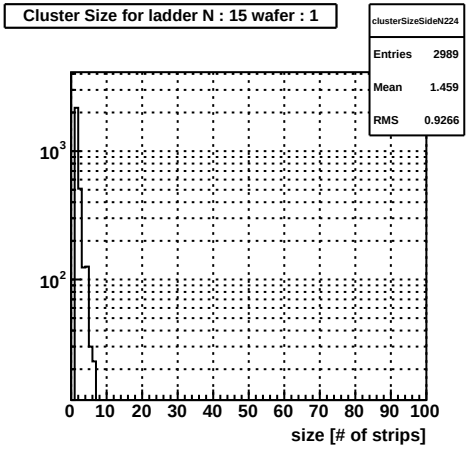

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1415
Mean 1.257
RMS 0.6725
size [# of strips]

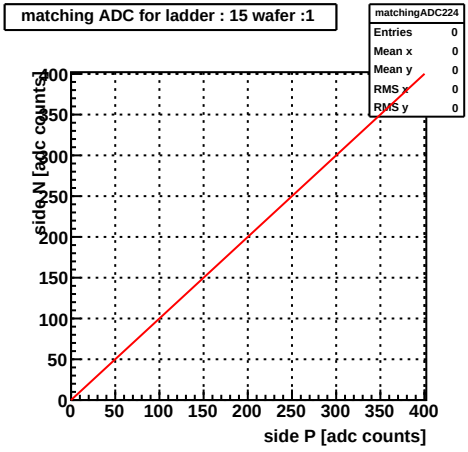

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 308
Mean x 99.59
Mean y 101
RMS x 68.31
RMS y 64.62
side N [adc counts]
side P [adc counts]

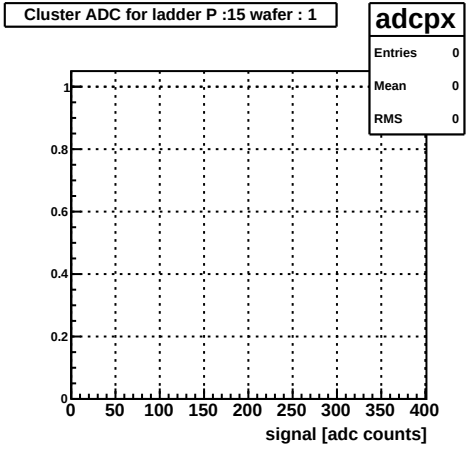

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1744
Mean 45.31
RMS 44.94
signal [adc counts]

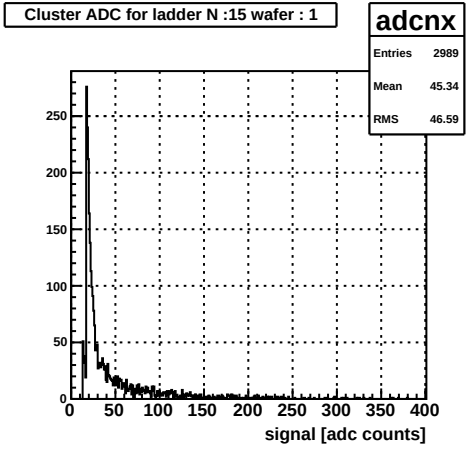

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1415
Mean 41.52
RMS 53.42
signal [adc counts]

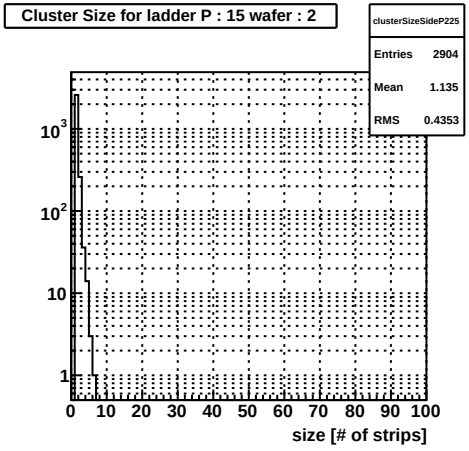

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

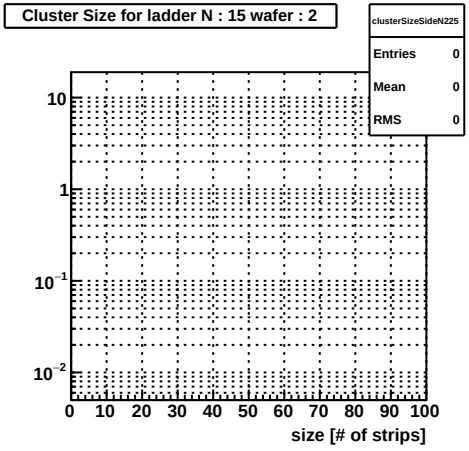

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2989
Mean 1.459
RMS 0.9266
size [# of strips]

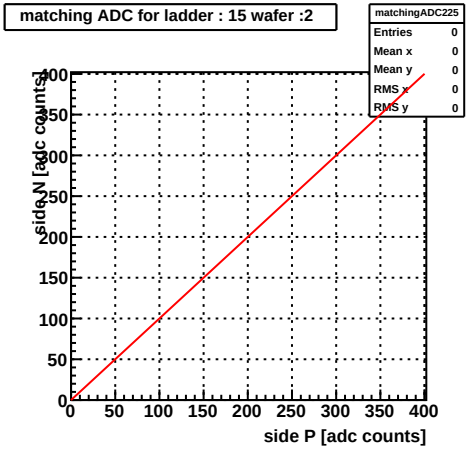

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

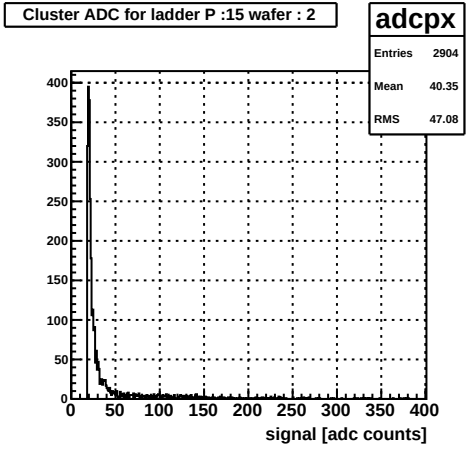

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

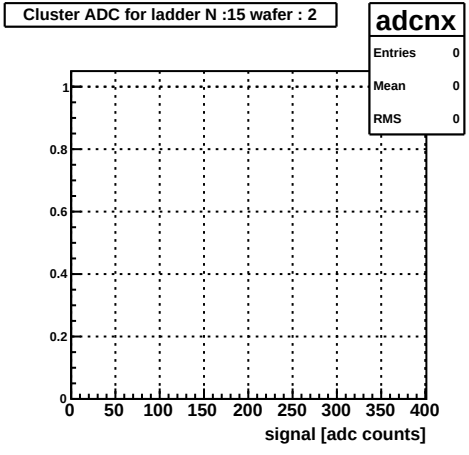

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2989
Mean 45.34
RMS 46.59
signal [adc counts]

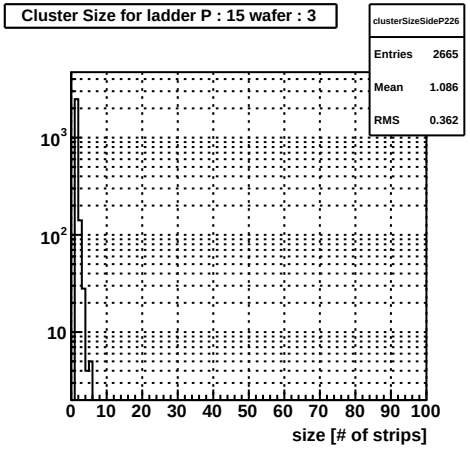

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2904
Mean 1.135
RMS 0.4353
size [# of strips]

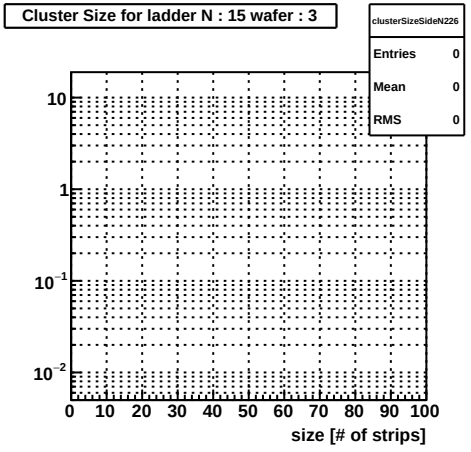

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

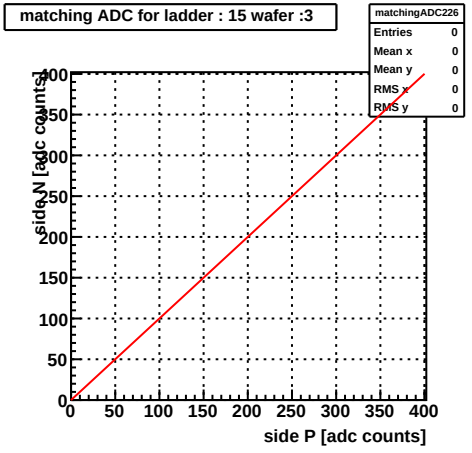

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

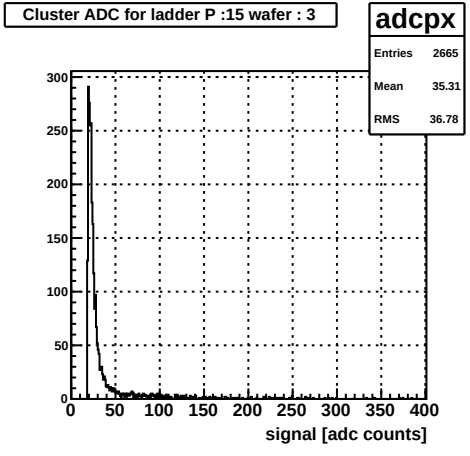

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2904
Mean 40.35
RMS 47.08
signal [adc counts]

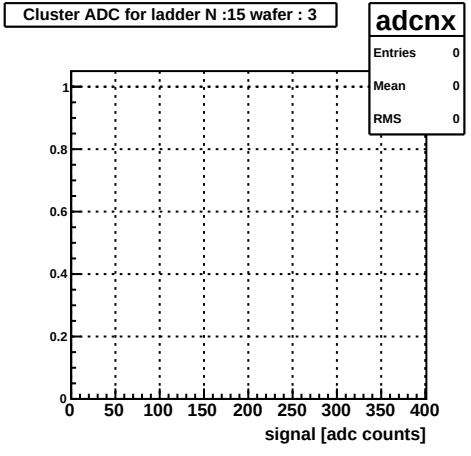

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

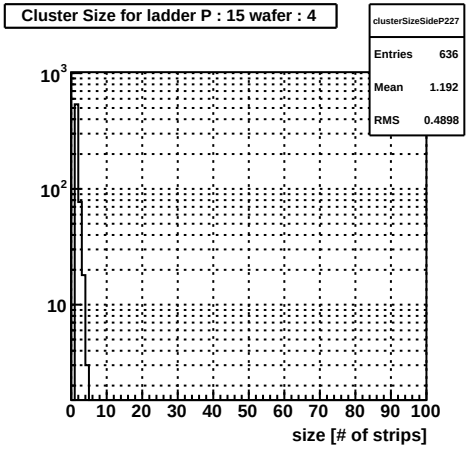

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2665
Mean 1.086
RMS 0.362
size [# of strips]

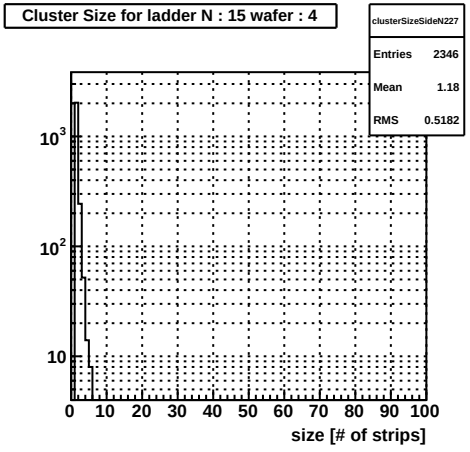

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

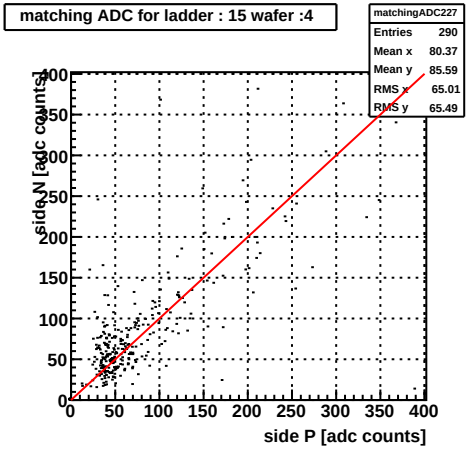

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

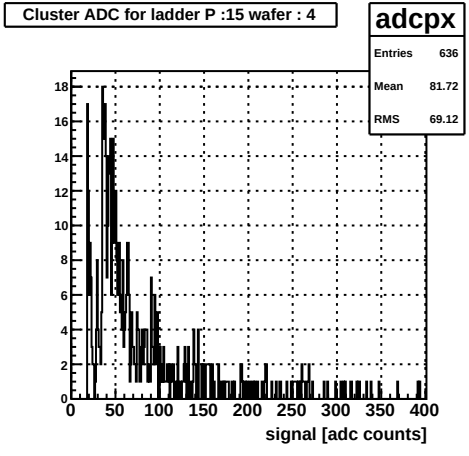

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2665
Mean 35.31
RMS 36.78
signal [adc counts]

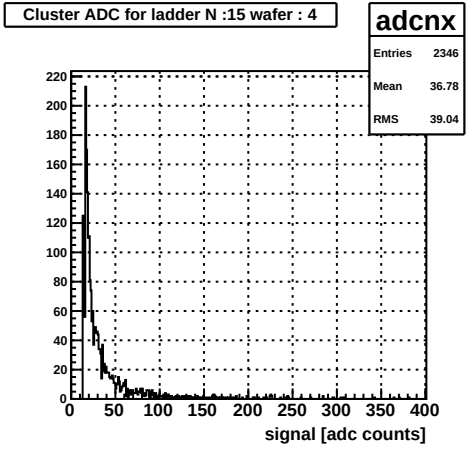

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

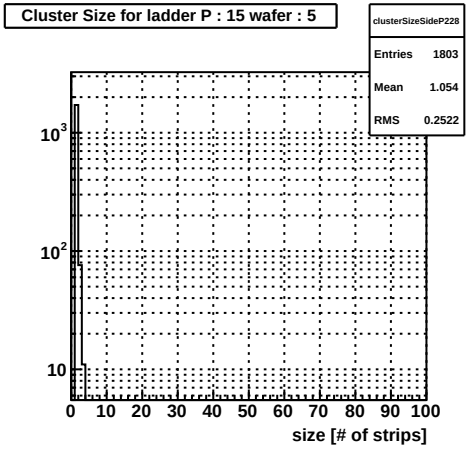

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 636
Mean 1.192
RMS 0.4898
size [# of strips]

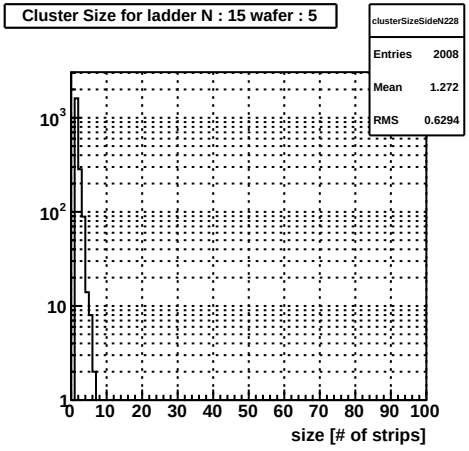

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2346
Mean 1.18
RMS 0.5182
size [# of strips]

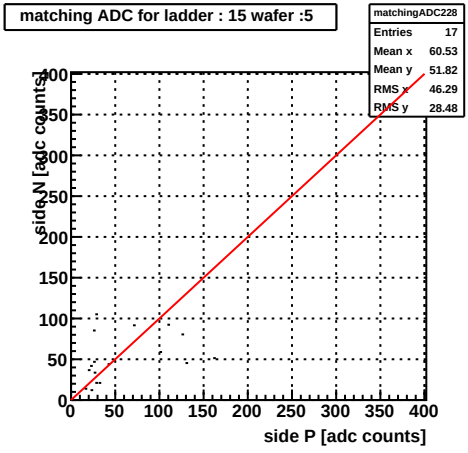

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 290
Mean x 80.37
Mean y 85.59
RMS x 65.01
RMS y 65.49
side N [adc counts]
side P [adc counts]

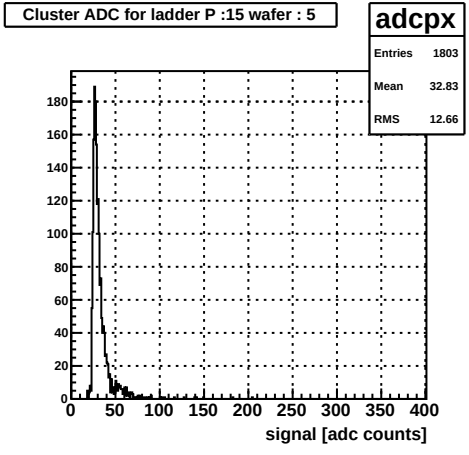

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 636
Mean 81.72
RMS 69.12
signal [adc counts]

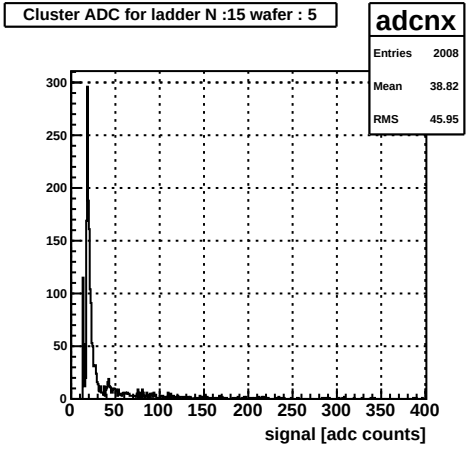

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2346
Mean 36.78
RMS 39.04
signal [adc counts]

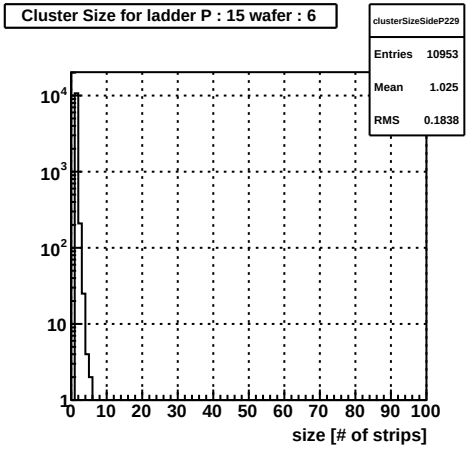

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1803
Mean 1.054
RMS 0.2522
size [# of strips]

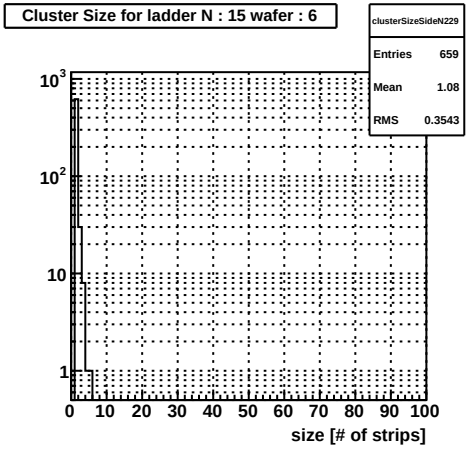

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2008
Mean 1.272
RMS 0.6294
size [# of strips]

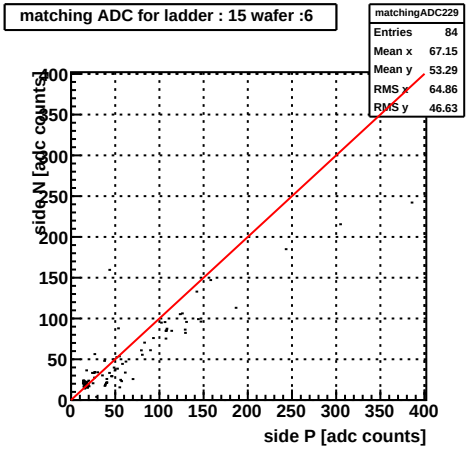

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 17
Mean x 60.53
Mean y 51.82
RMS x 46.29
RMS y 28.48
side N [adc counts]
side P [adc counts]

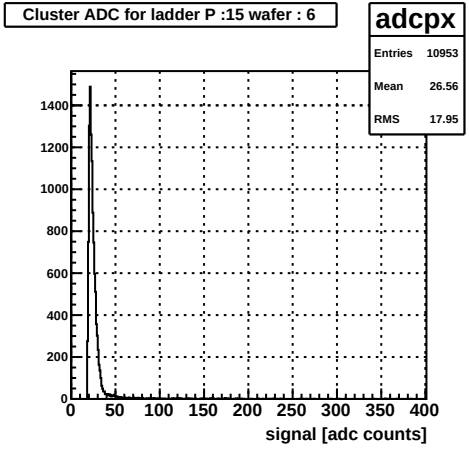

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1803
Mean 32.83
RMS 12.66
signal [adc counts]

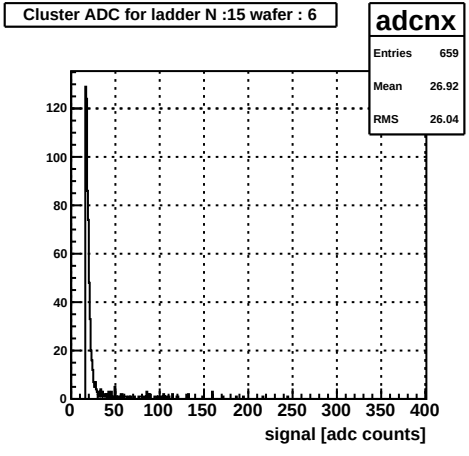

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2008
Mean 38.82
RMS 45.95
signal [adc counts]

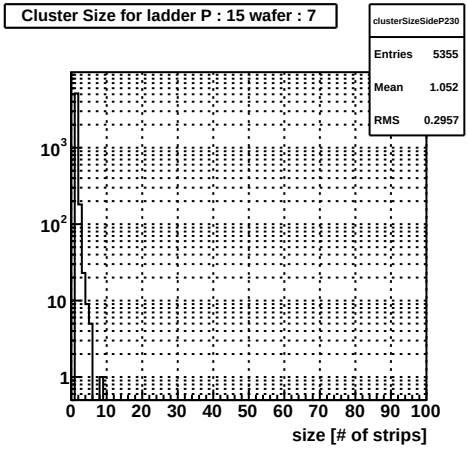

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10953
Mean 1.025
RMS 0.1838
size [# of strips]

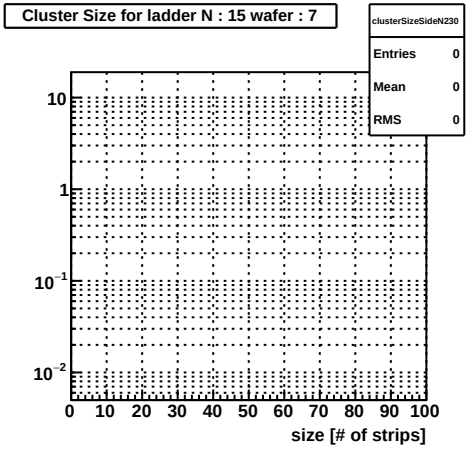

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 659
Mean 1.08
RMS 0.3543
size [# of strips]

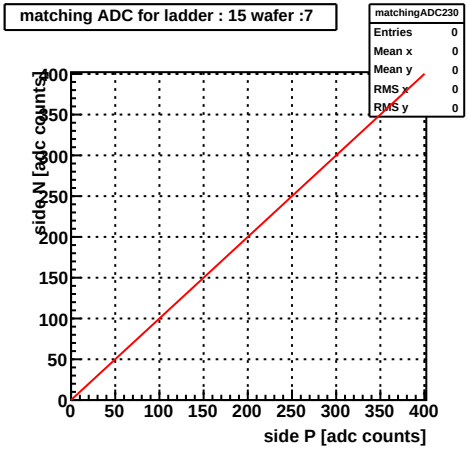

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 84
Mean x 67.15
Mean y 53.29
RMS x 64.86
RMS y 46.63
side N [adc counts]
side P [adc counts]

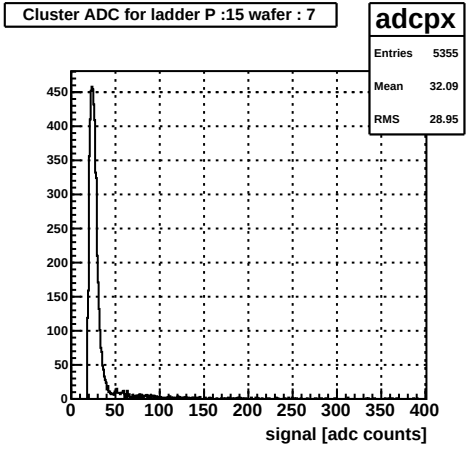

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10953
Mean 26.56
RMS 17.95
signal [adc counts]

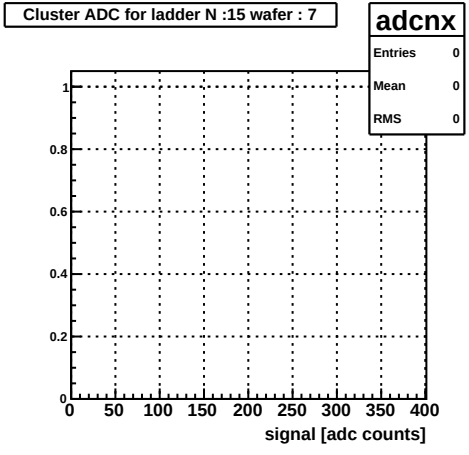

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 659
Mean 26.92
RMS 26.04
signal [adc counts]

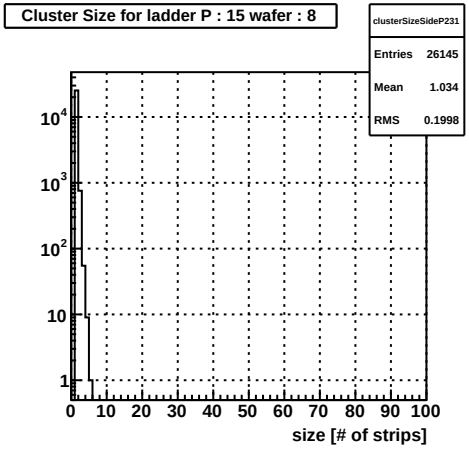

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 5355
Mean 1.052
RMS 0.2957
size [# of strips]

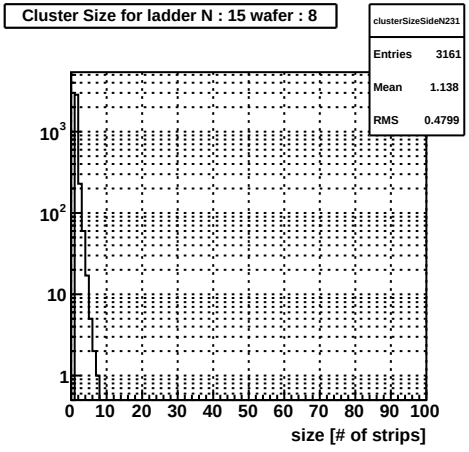

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

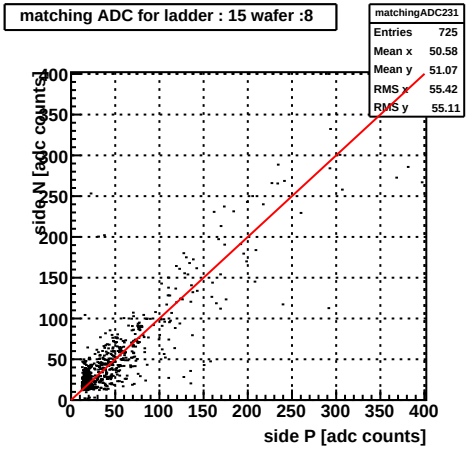

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

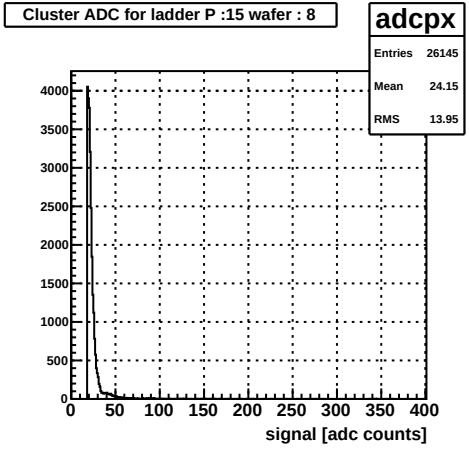

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 5355
Mean 32.09
RMS 28.95
signal [adc counts]

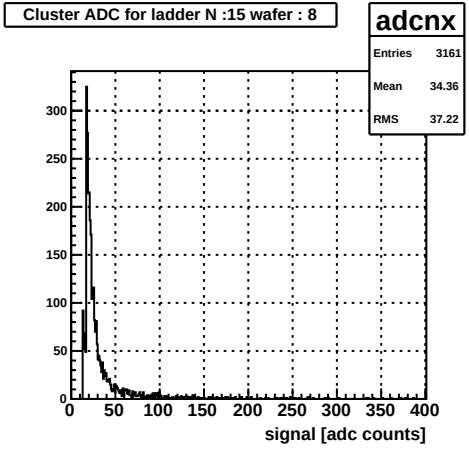

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

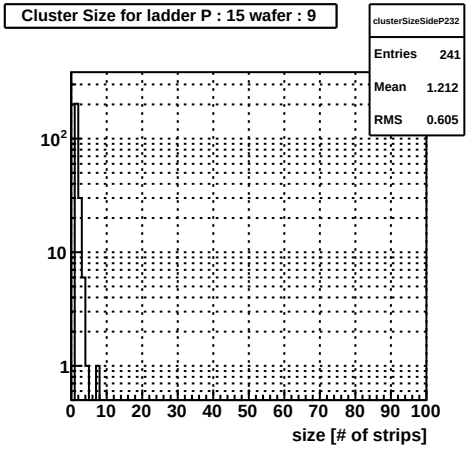

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 26145
Mean 1.034
RMS 0.1998
size [# of strips]

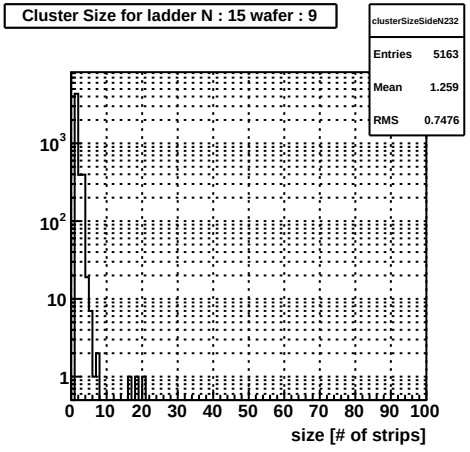

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3161
Mean 1.138
RMS 0.4799
size [# of strips]

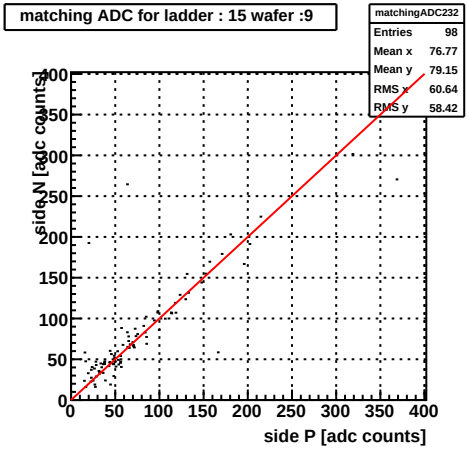

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 725
Mean x 50.58
Mean y 51.07
RMS x 55.42
RMS y 55.11
side N [adc counts]
side P [adc counts]

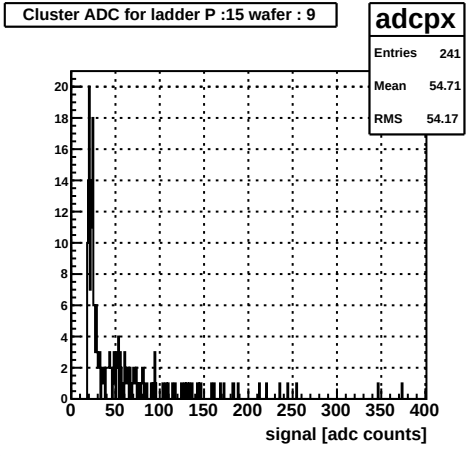

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 26145
Mean 24.15
RMS 13.95
signal [adc counts]

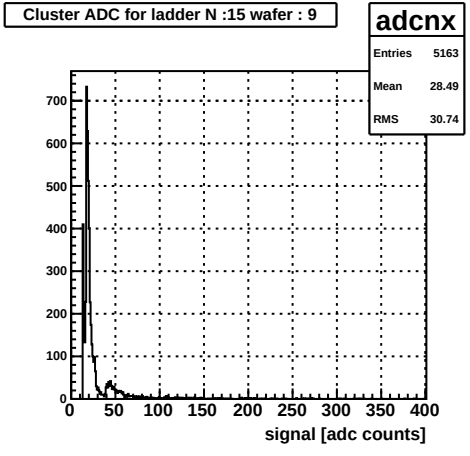

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3161
Mean 34.36
RMS 37.22
signal [adc counts]

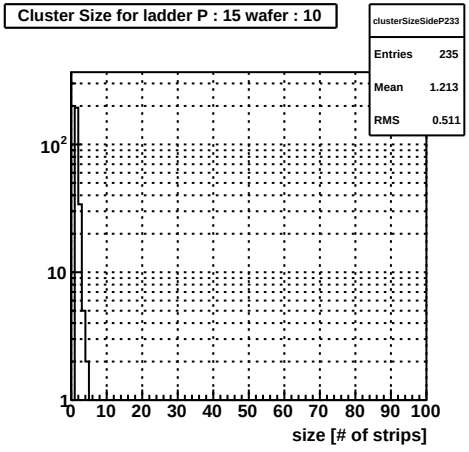

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 241
Mean 1.212
RMS 0.605
size [# of strips]

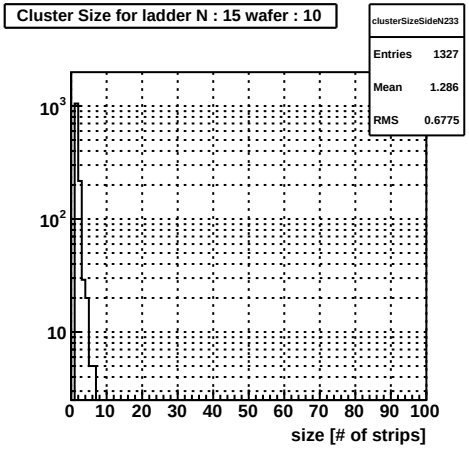

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5163
Mean 1.259
RMS 0.7476
size [# of strips]

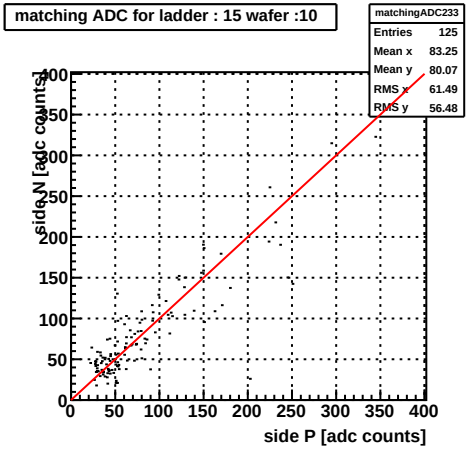

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 98
Mean x 76.77
Mean y 79.15
RMS x 60.64
RMS y 58.42
side N [adc counts]
side P [adc counts]

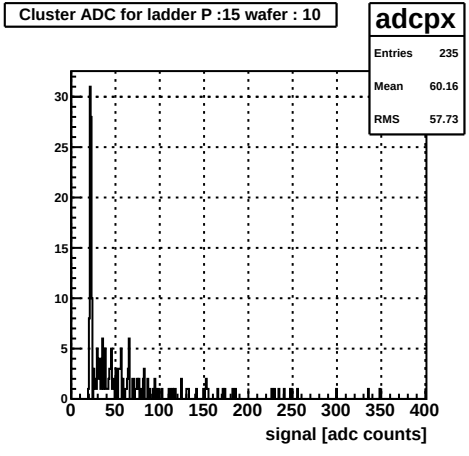

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 241
Mean 54.71
RMS 54.17
signal [adc counts]

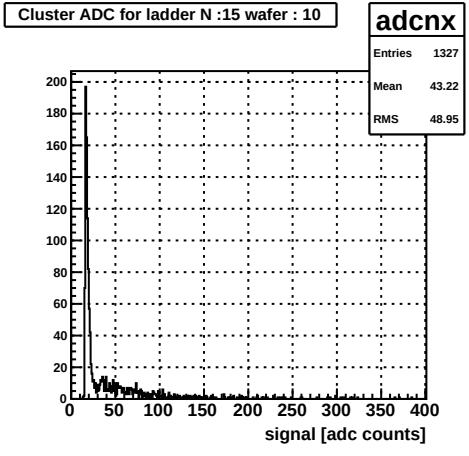

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5163
Mean 28.49
RMS 30.74
signal [adc counts]

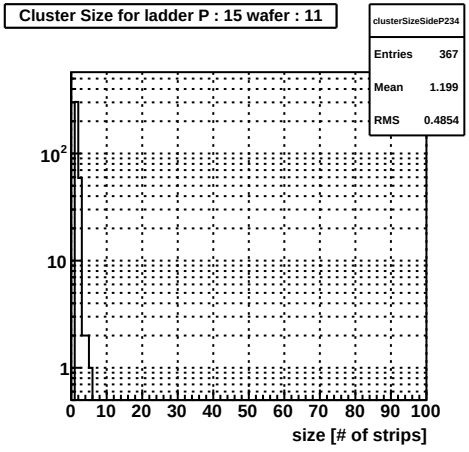

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 235
Mean 1.213
RMS 0.511
size [# of strips]

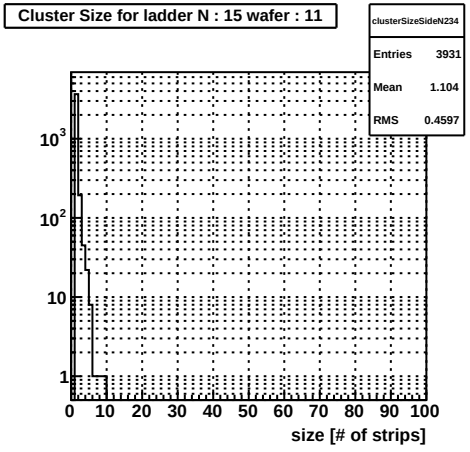

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1327
Mean 1.286
RMS 0.6775
size [# of strips]

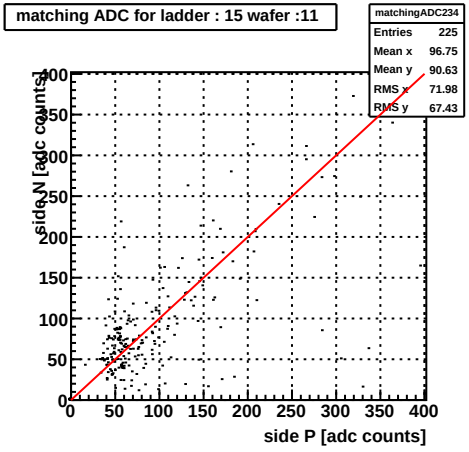

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 125
Mean x 83.25
Mean y 80.07
RMS x 61.49
RMS y 56.48
side N [adc counts]
side P [adc counts]

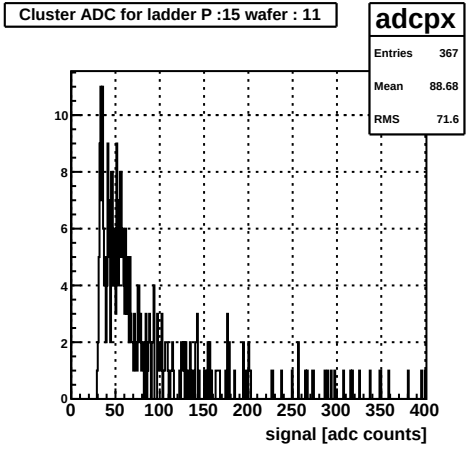

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 235
Mean 60.16
RMS 57.73
signal [adc counts]

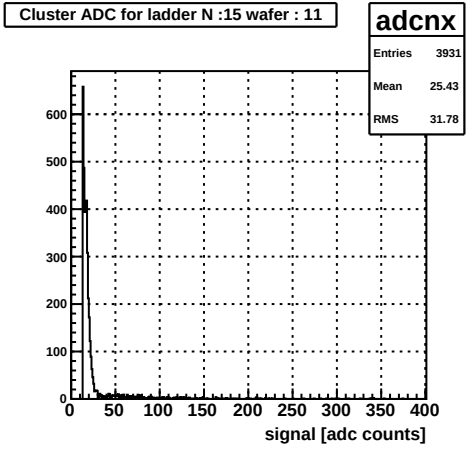

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1327
Mean 43.22
RMS 48.95
signal [adc counts]

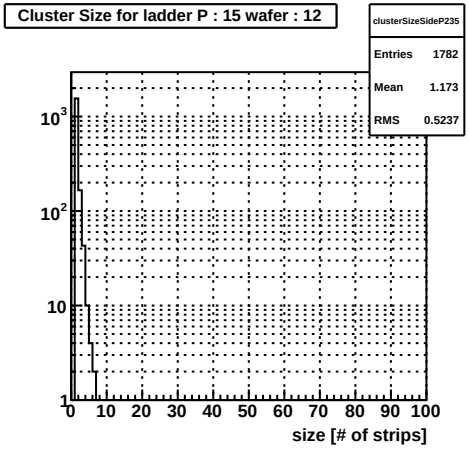

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 367
Mean 1.199
RMS 0.4854
size [# of strips]

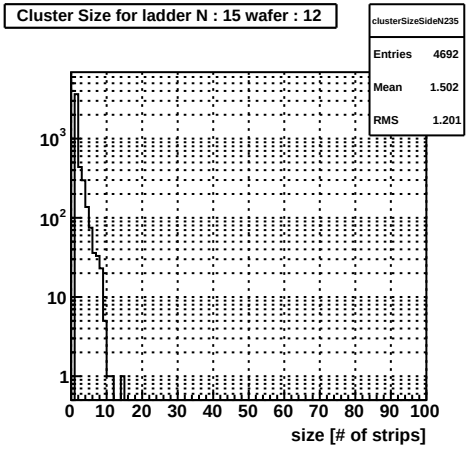

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3931
Mean 1.104
RMS 0.4597
size [# of strips]

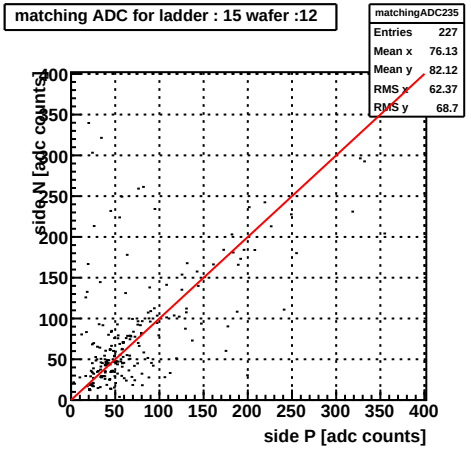

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 225
Mean x 96.75
Mean y 90.63
RMS x 71.98
RMS y 67.43
side N [adc counts]
side P [adc counts]

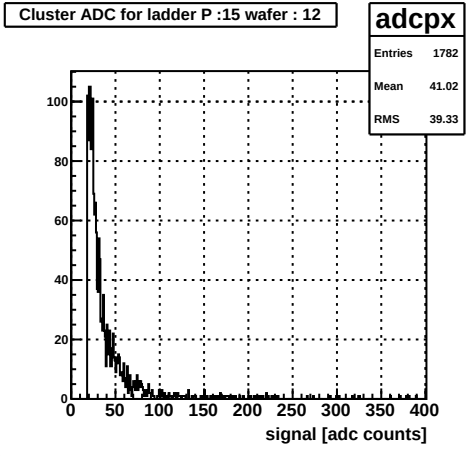

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 367
Mean 88.68
RMS 71.6
signal [adc counts]

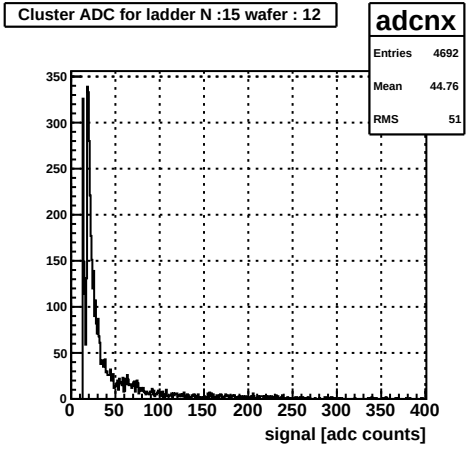

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3931
Mean 25.43
RMS 31.78
signal [adc counts]

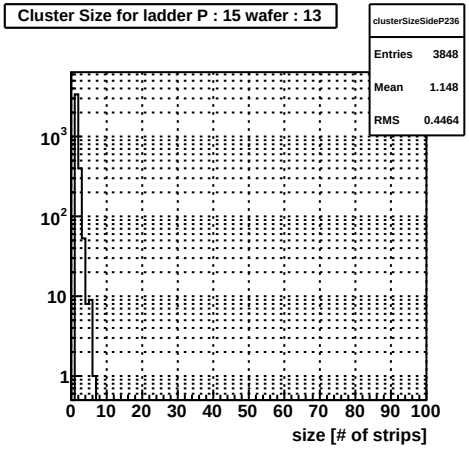

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1782
Mean 1.173
RMS 0.5237
size [# of strips]

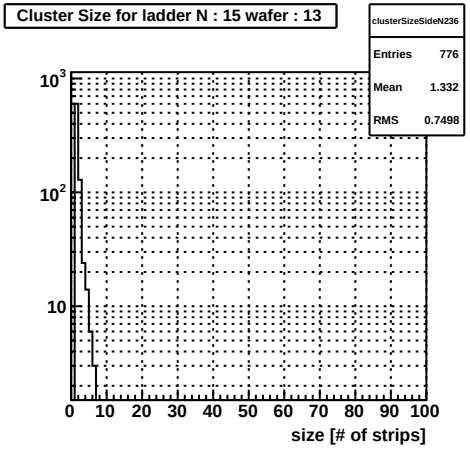

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4692
Mean 1.502
RMS 1.201
size [# of strips]

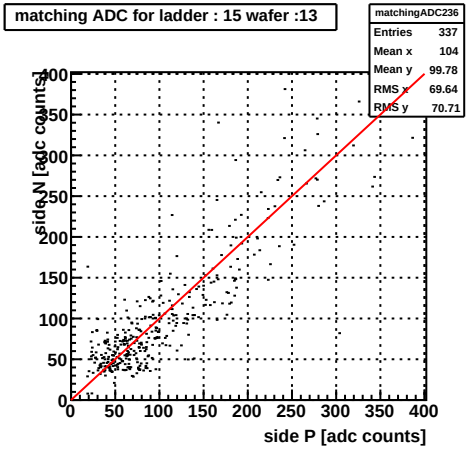

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 227
Mean x 76.13
Mean y 82.12
RMS x 62.37
RMS y 68.7
side N [adc counts]
side P [adc counts]

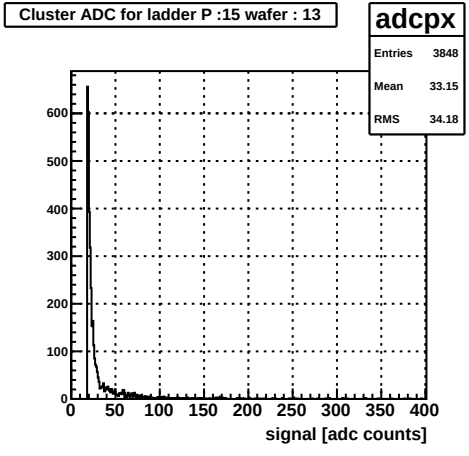

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1782
Mean 41.02
RMS 39.33
signal [adc counts]

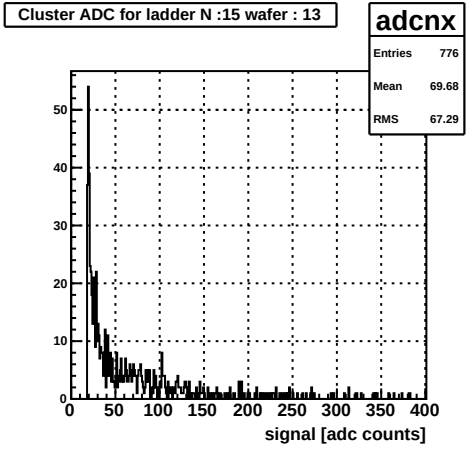

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4692
Mean 44.76
RMS 51
signal [adc counts]

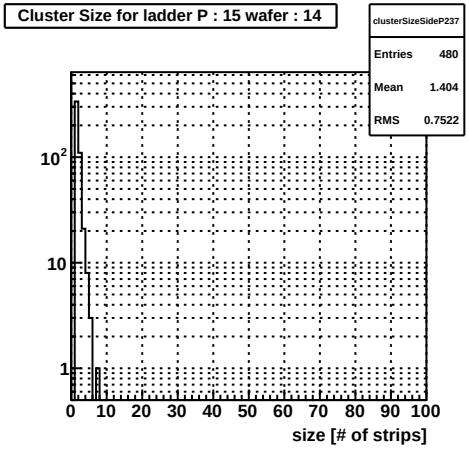

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3848
Mean 1.148
RMS 0.4464
size [# of strips]

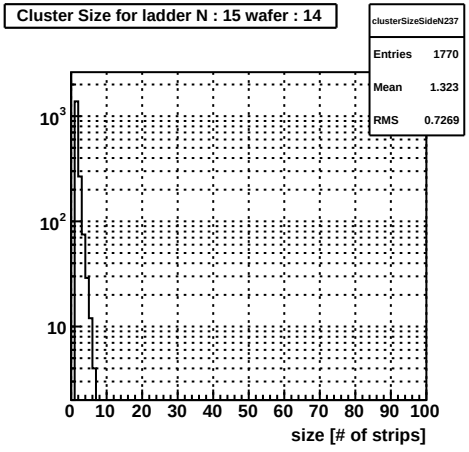

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 776
Mean 1.332
RMS 0.7498
size [# of strips]

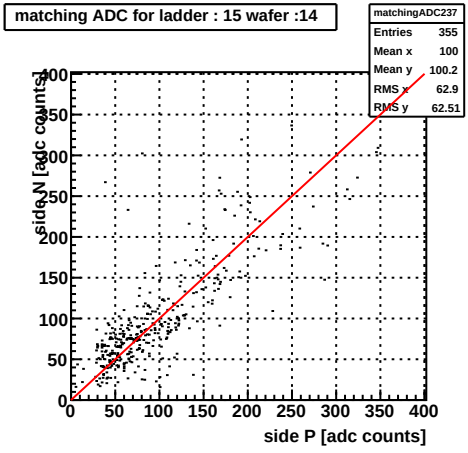

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 337
Mean x 104
Mean y 99.78
RMS x 69.64
RMS y 70.71
side N [adc counts]
side P [adc counts]

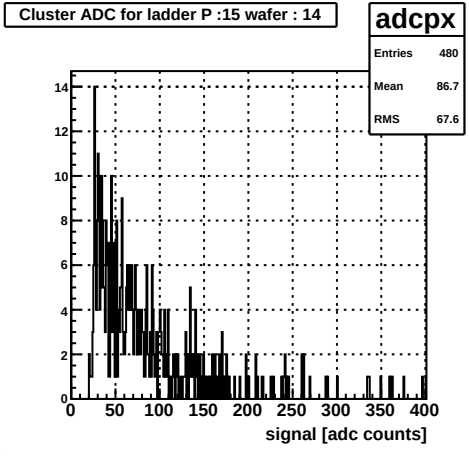

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3848
Mean 33.15
RMS 34.18
signal [adc counts]

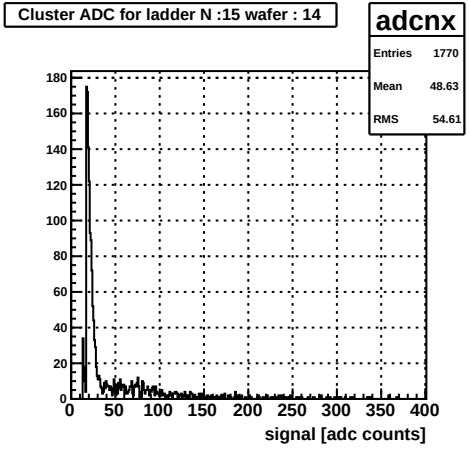

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 776
Mean 69.68
RMS 67.29
signal [adc counts]

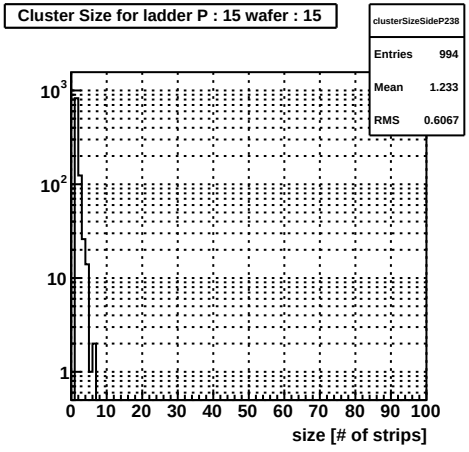

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 480
Mean 1.404
RMS 0.7522
size [# of strips]

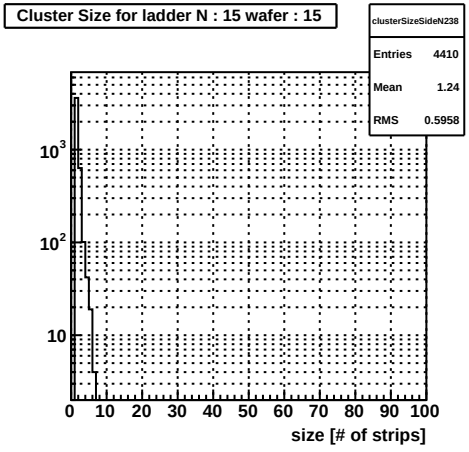

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1770
Mean 1.323
RMS 0.7269
size [# of strips]

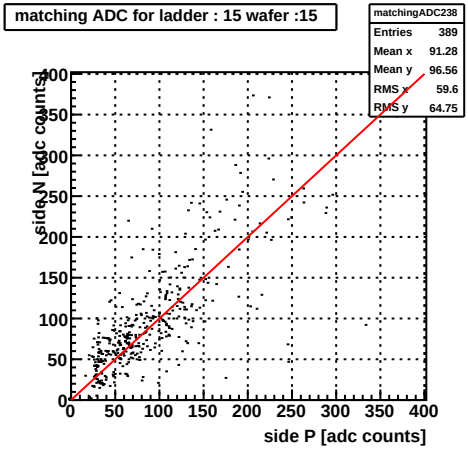

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 355
Mean x 100
Mean y 100.2
RMS x 62.9
RMS y 62.51
side N [adc counts]
side P [adc counts]

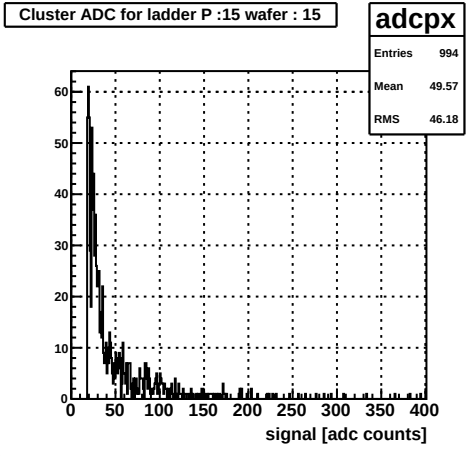

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 480
Mean 86.7
RMS 67.6
signal [adc counts]

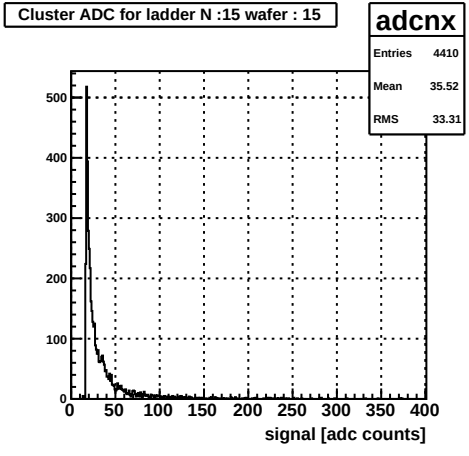

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1770
Mean 48.63
RMS 54.61
signal [adc counts]

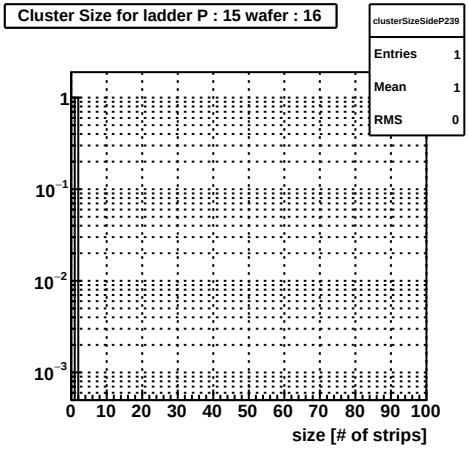

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 994
Mean 1.233
RMS 0.6067
size [# of strips]

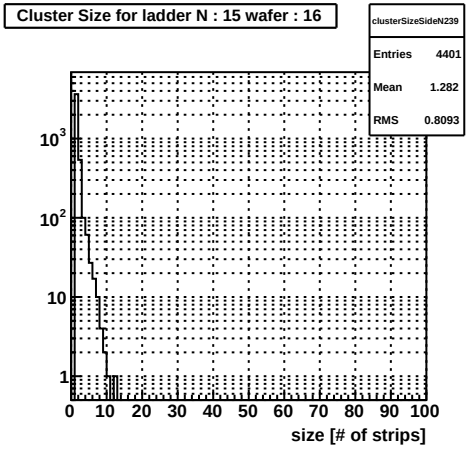

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4410
Mean 1.24
RMS 0.5958
size [# of strips]

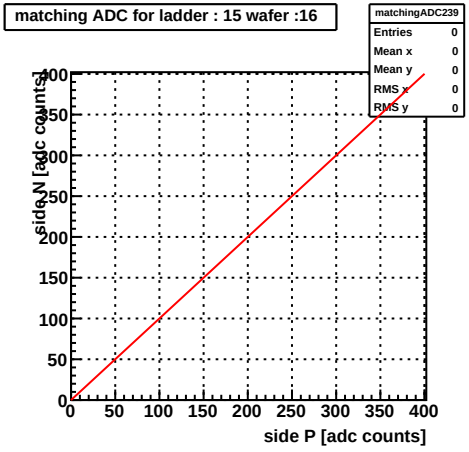

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 389
Mean x 91.28
Mean y 96.56
RMS x 59.6
RMS y 64.75
side N [adc counts]
side P [adc counts]

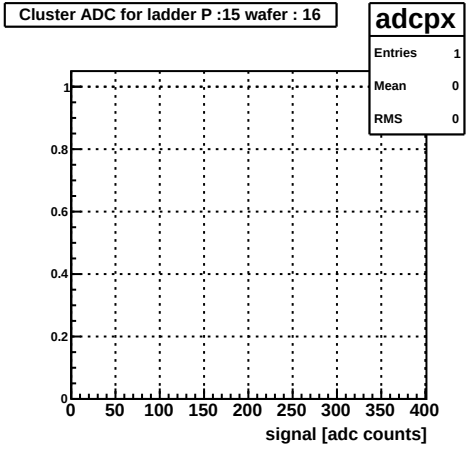

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 994
Mean 49.57
RMS 46.18
signal [adc counts]

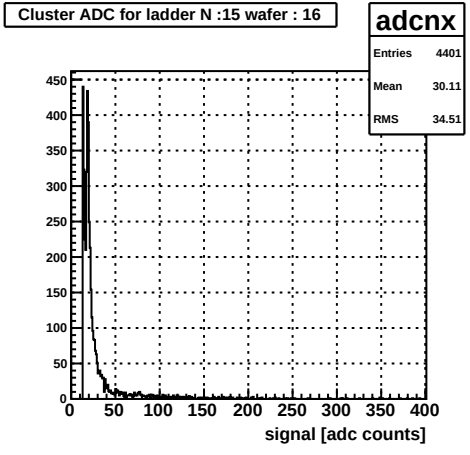

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4410
Mean 35.52
RMS 33.31
signal [adc counts]

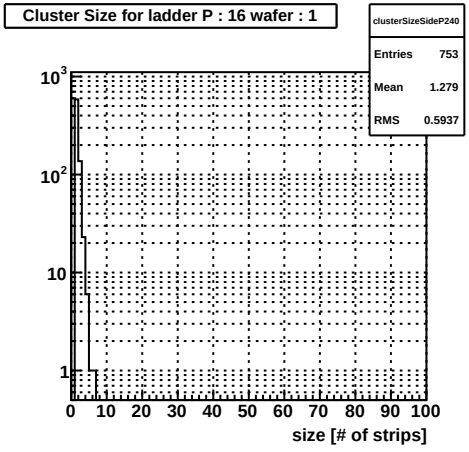

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

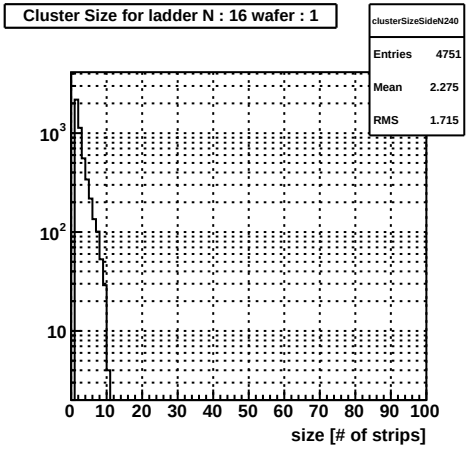

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4401
Mean 1.282
RMS 0.8093
size [# of strips]

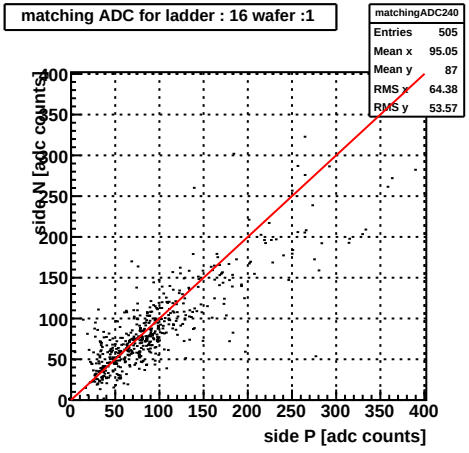

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

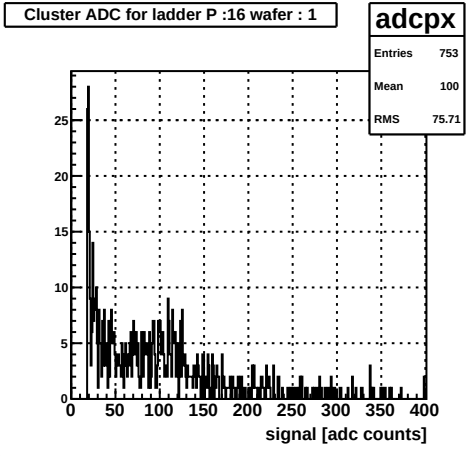

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

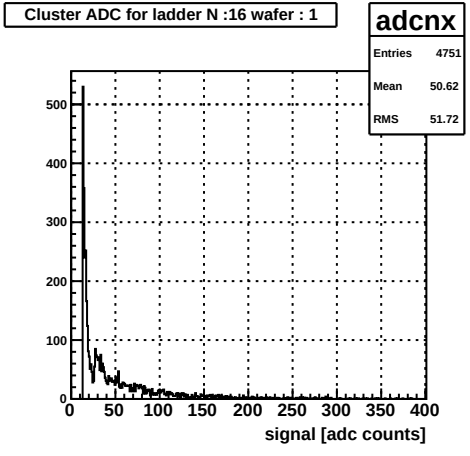

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4401
Mean 30.11
RMS 34.51
signal [adc counts]

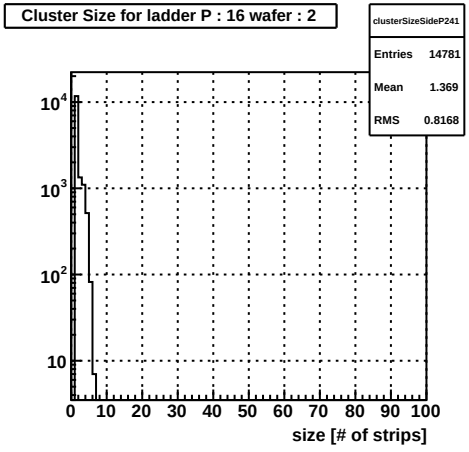

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 753
Mean 1.279
RMS 0.5937
size [# of strips]

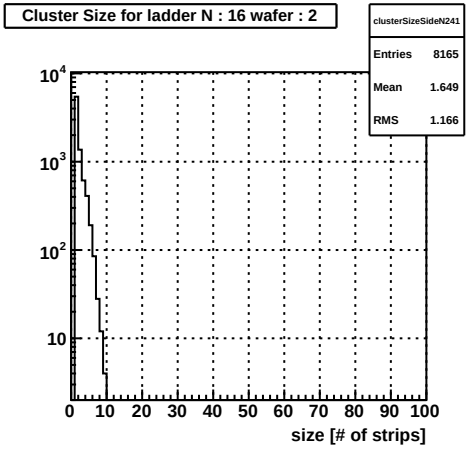

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4751
Mean 2.275
RMS 1.715
size [# of strips]

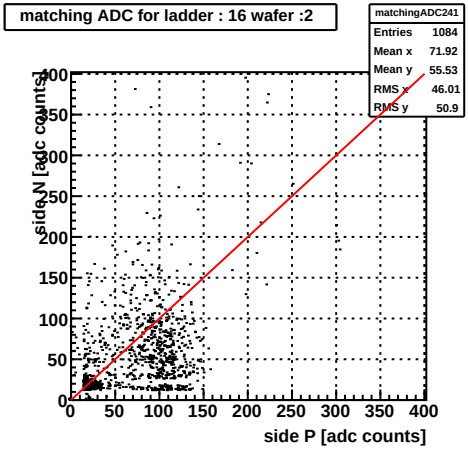

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 505
Mean x 95.05
Mean y 87
RMS x 64.38
RMS y 53.57
side N [adc counts]
side P [adc counts]

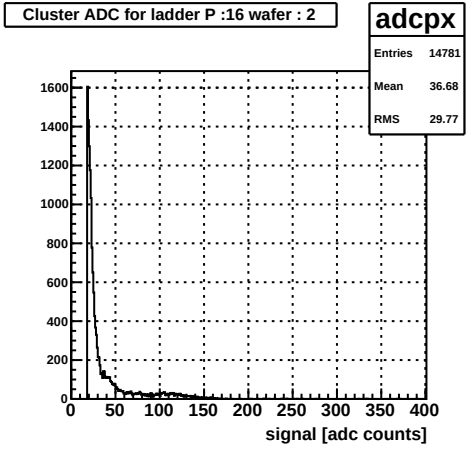

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 753
Mean 100
RMS 75.71
signal [adc counts]

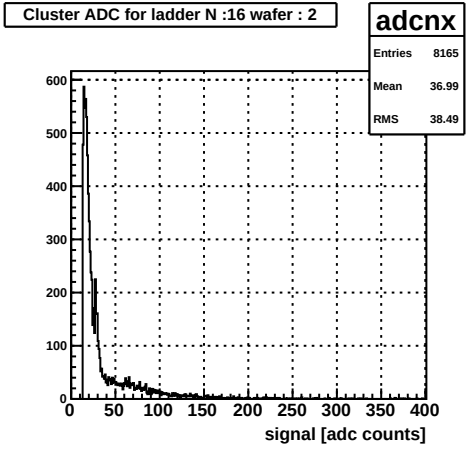

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4751
Mean 50.62
RMS 51.72
signal [adc counts]

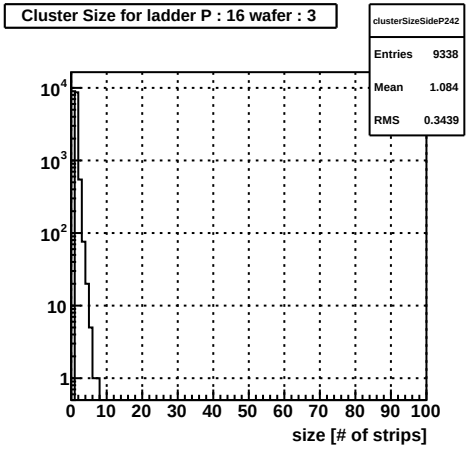

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14781
Mean 1.369
RMS 0.8168
size [# of strips]

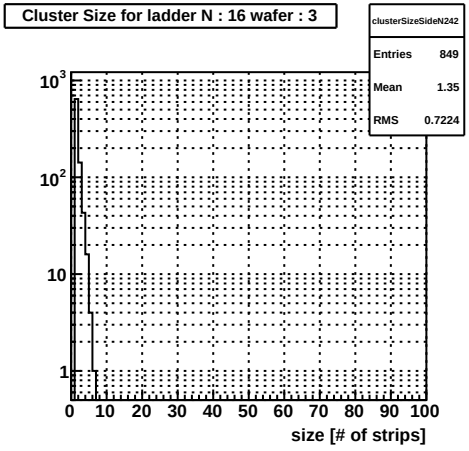

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 8165
Mean 1.649
RMS 1.166
size [# of strips]

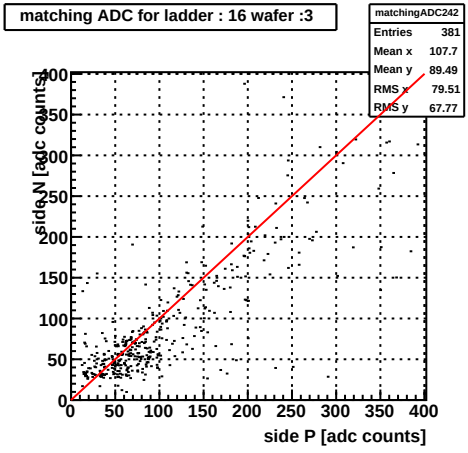

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1084
Mean x 71.92
Mean y 55.53
RMS x 46.01
RMS y 50.9
side N [adc counts]
side P [adc counts]

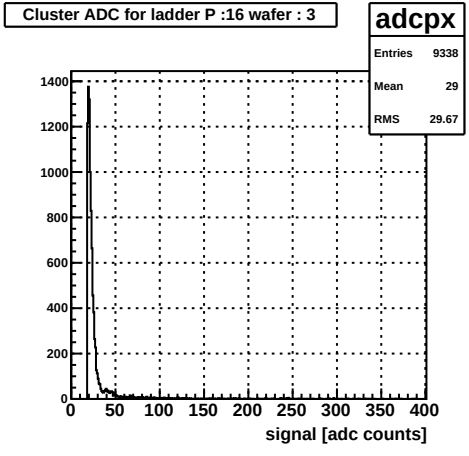

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14781
Mean 36.68
RMS 29.77
signal [adc counts]

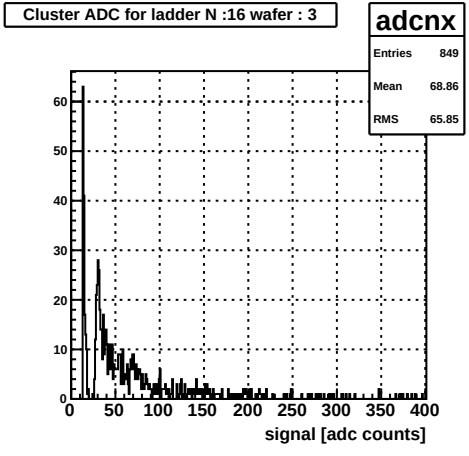

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 8165
Mean 36.99
RMS 38.49
signal [adc counts]

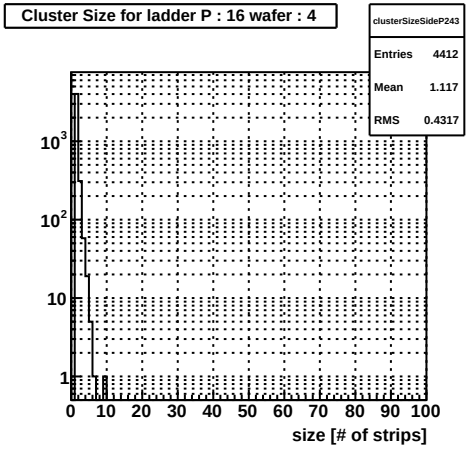

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 9338
Mean 1.084
RMS 0.3439
size [# of strips]

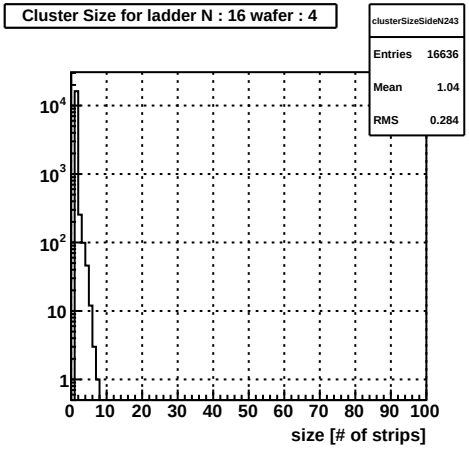

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 849
Mean 1.35
RMS 0.7224
size [# of strips]

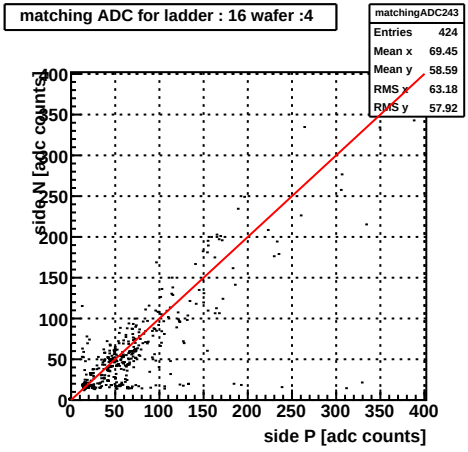

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 381
Mean x 107.7
Mean y 89.49
RMS x 79.51
RMS y 67.77
side N [adc counts]
side P [adc counts]

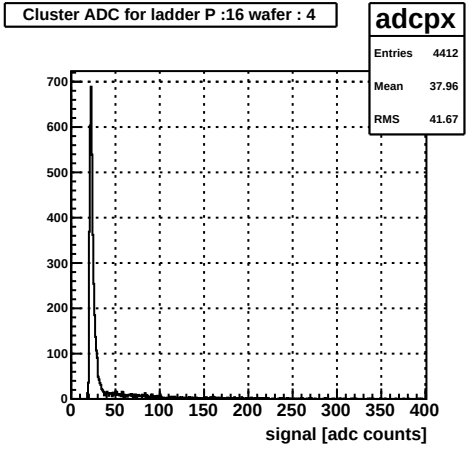

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 9338
Mean 29
RMS 29.67
signal [adc counts]

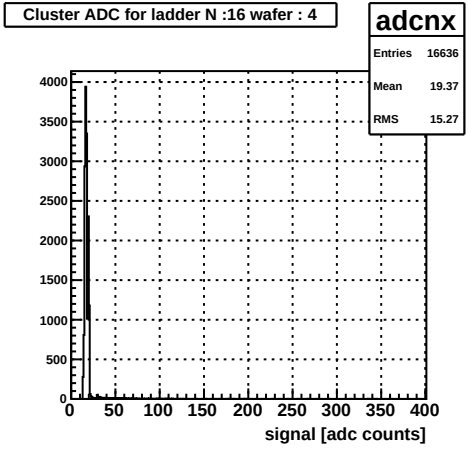

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 849
Mean 68.86
RMS 65.85
signal [adc counts]

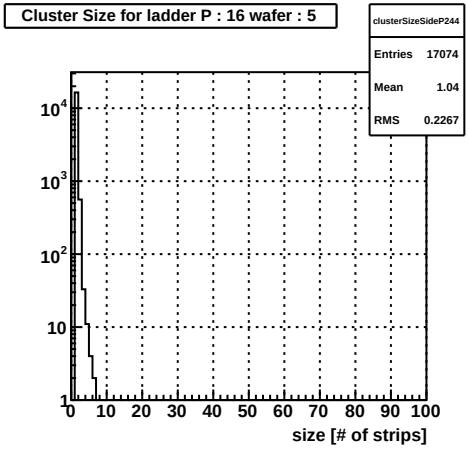

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4412
Mean 1.117
RMS 0.4317
size [# of strips]

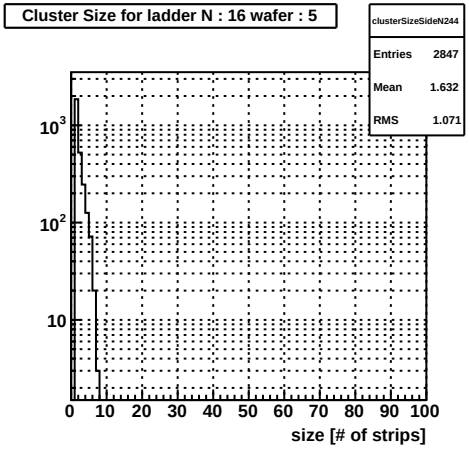

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 16636
Mean 1.04
RMS 0.284
size [# of strips]

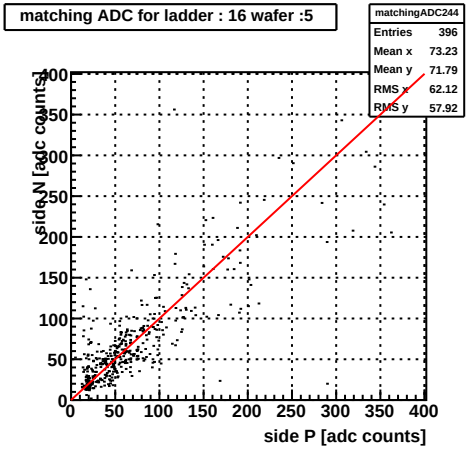

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 424
Mean x 69.45
Mean y 58.59
RMS x 63.18
RMS y 57.92
side N [adc counts]
side P [adc counts]

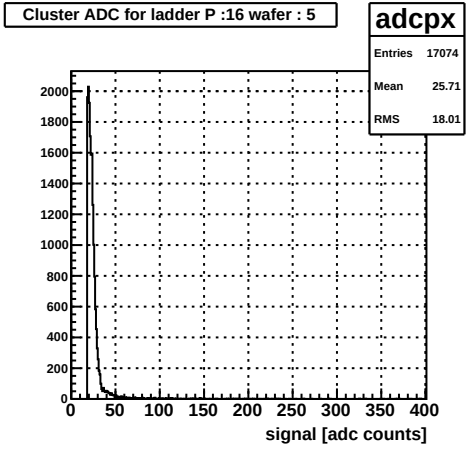

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4412
Mean 37.96
RMS 41.67
signal [adc counts]

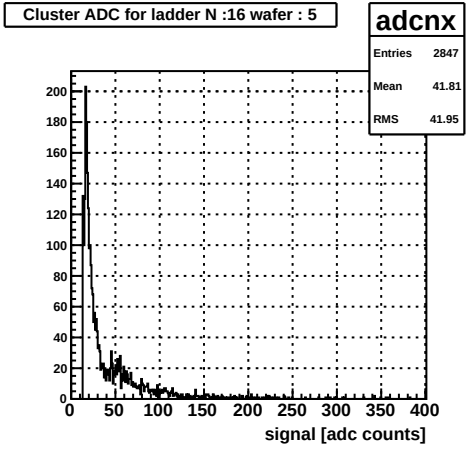

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 16636
Mean 19.37
RMS 15.27
signal [adc counts]

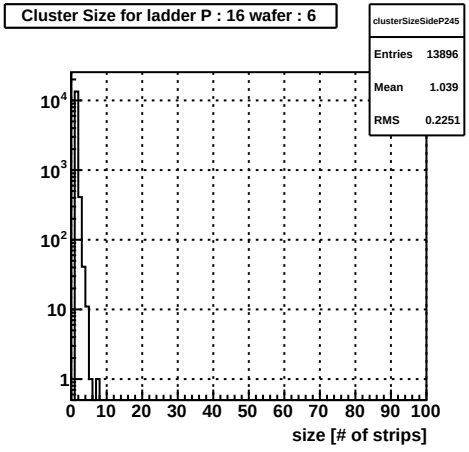

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 17074
Mean 1.04
RMS 0.2267
size [# of strips]

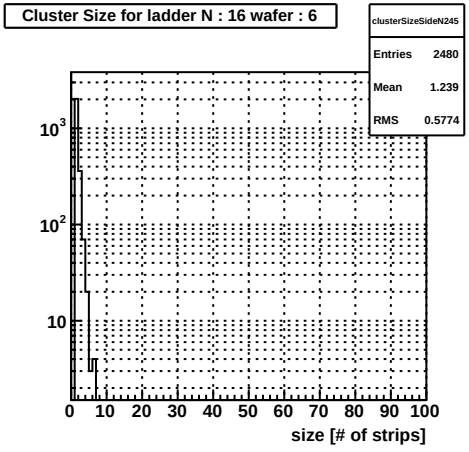

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2847
Mean 1.632
RMS 1.071
size [# of strips]

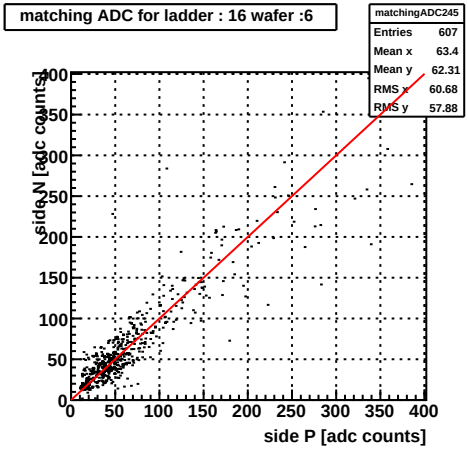

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 396
Mean x 73.23
Mean y 71.79
RMS x 62.12
RMS y 57.92
side N [adc counts]
side P [adc counts]

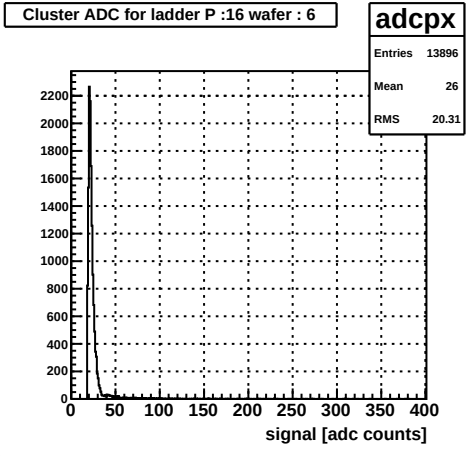

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 17074
Mean 25.71
RMS 18.01
signal [adc counts]

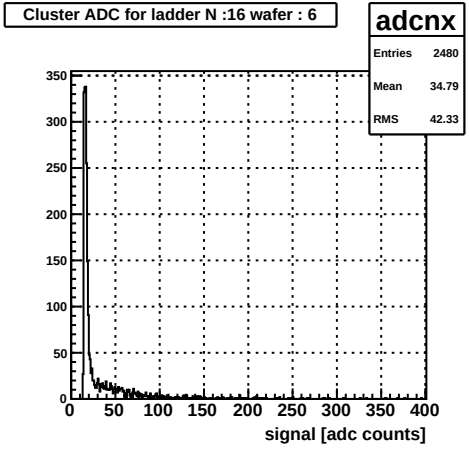

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2847
Mean 41.81
RMS 41.95
signal [adc counts]

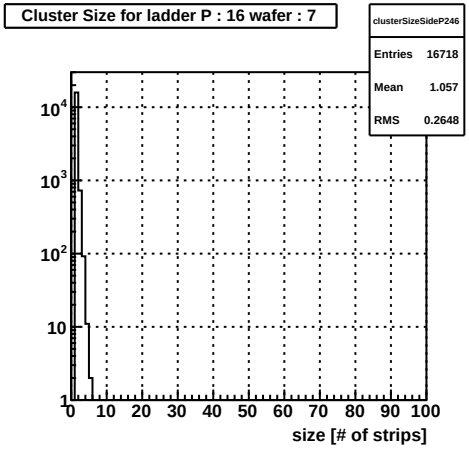

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 13896
Mean 1.039
RMS 0.2251
size [# of strips]

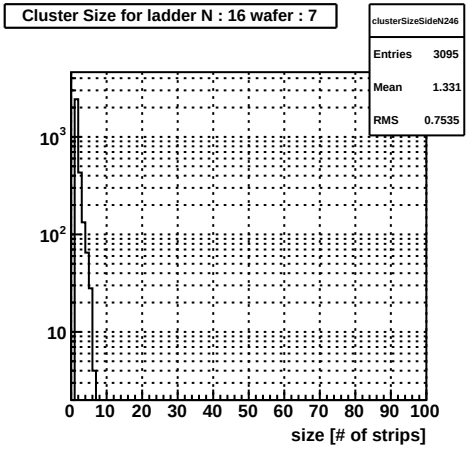

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2480
Mean 1.239
RMS 0.5774
size [# of strips]

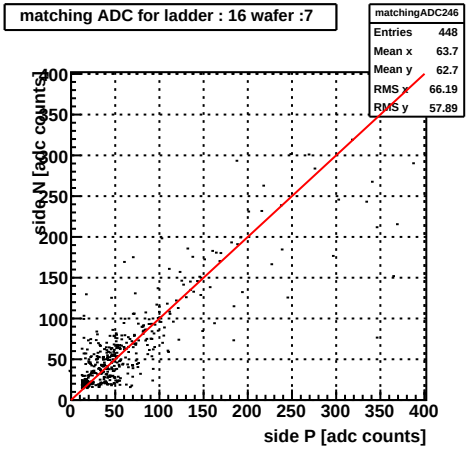

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 607
Mean x 63.4
Mean y 62.31
RMS x 60.68
RMS y 57.88
side N [adc counts]
side P [adc counts]

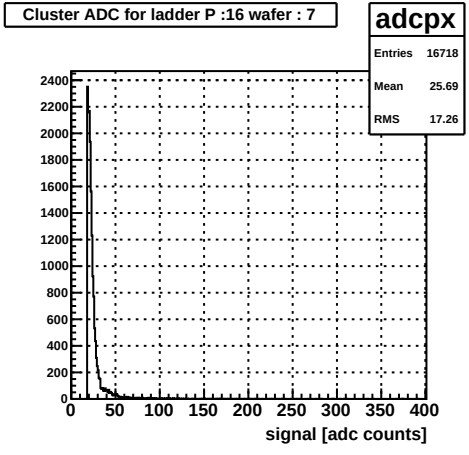

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 13896
Mean 26
RMS 20.31
signal [adc counts]

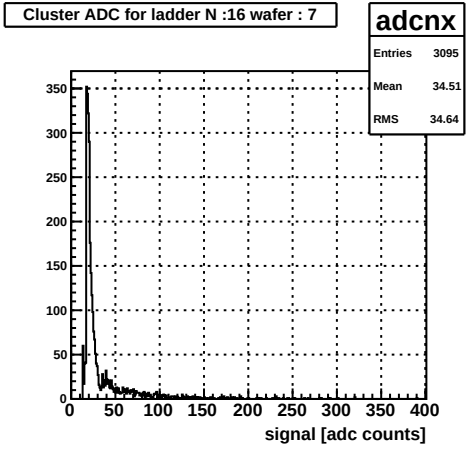

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2480
Mean 34.79
RMS 42.33
signal [adc counts]

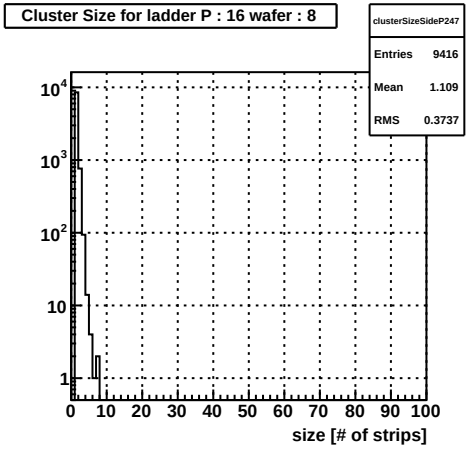

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 16718
Mean 1.057
RMS 0.2648
size [# of strips]

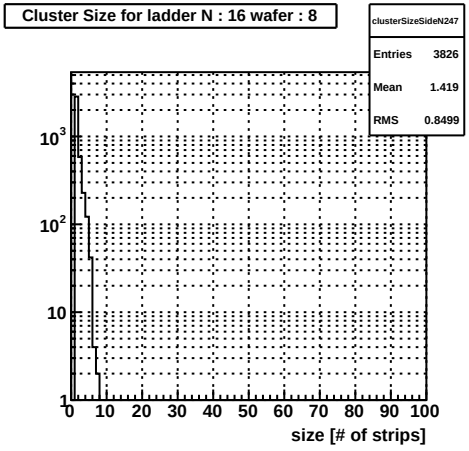

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3095
Mean 1.331
RMS 0.7535
size [# of strips]

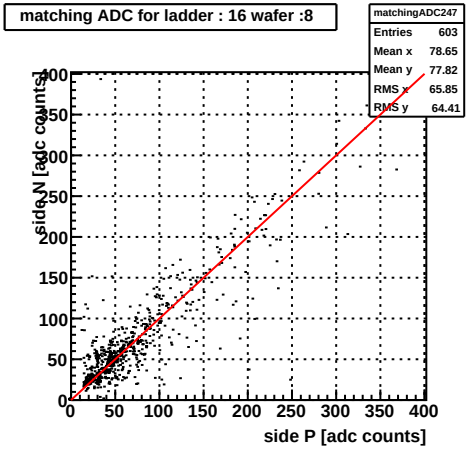

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 448
Mean x 63.7
Mean y 62.7
RMS x 66.19
RMS y 57.89
side N [adc counts]
side P [adc counts]

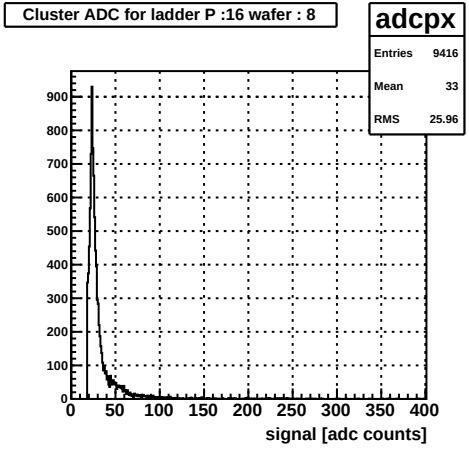

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 16718
Mean 25.69
RMS 17.26
signal [adc counts]

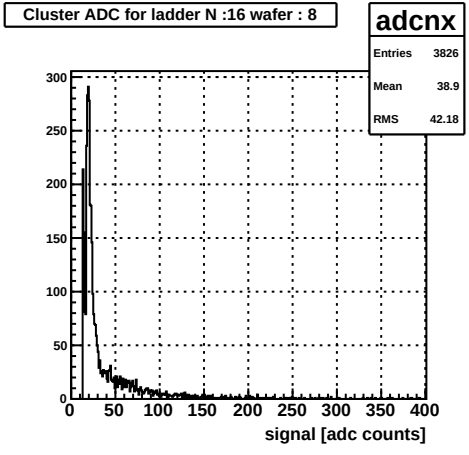

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3095
Mean 34.51
RMS 34.64
signal [adc counts]

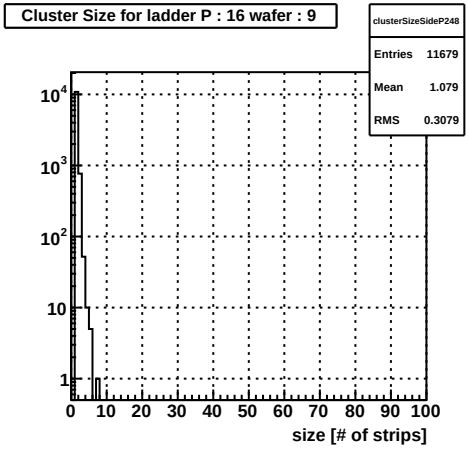

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9416
Mean 1.109
RMS 0.3737
size [# of strips]

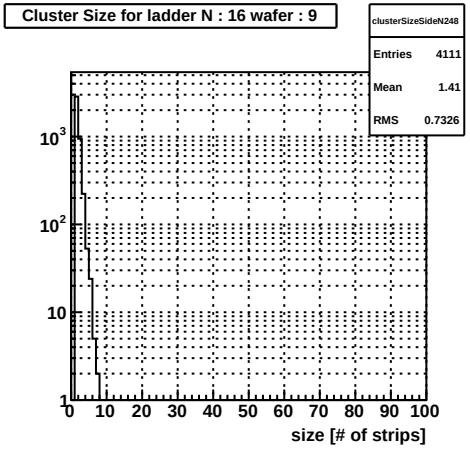

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3826
Mean 1.419
RMS 0.8499
size [# of strips]

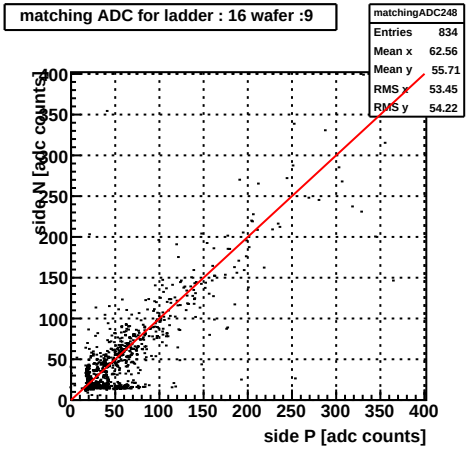

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 603
Mean x 78.65
Mean y 77.82
RMS x 65.85
RMS y 64.41
side N [adc counts]
side P [adc counts]

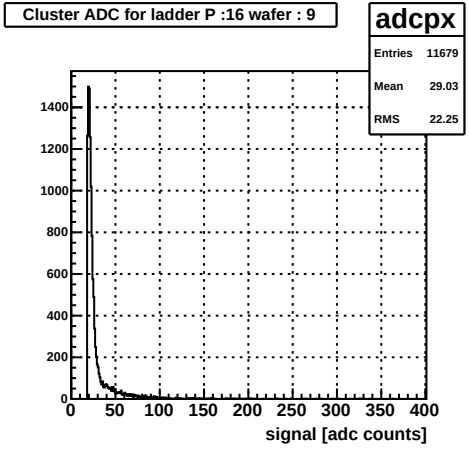

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9416
Mean 33
RMS 25.96
signal [adc counts]

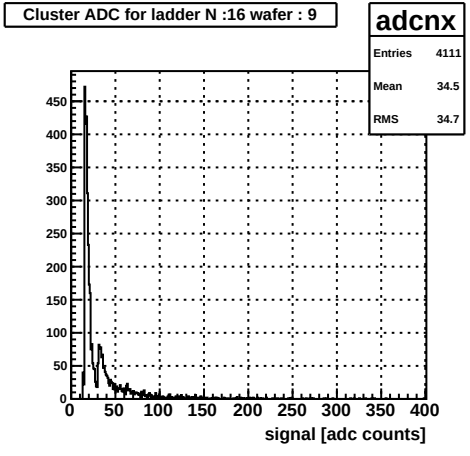

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3826
Mean 38.9
RMS 42.18
signal [adc counts]

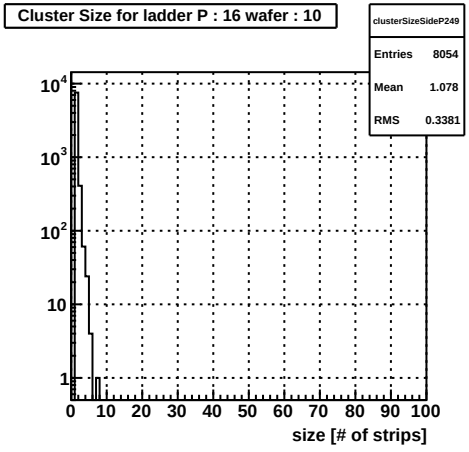

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11679
Mean 1.079
RMS 0.3079
size [# of strips]

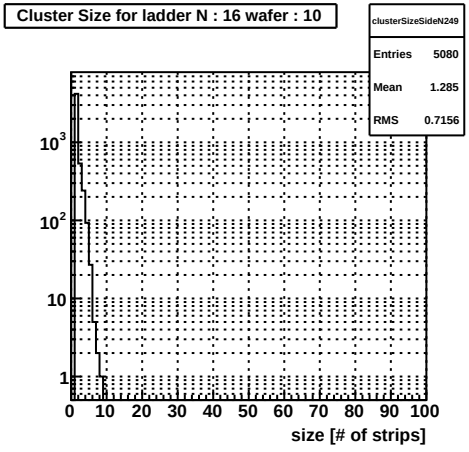

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4111
Mean 1.41
RMS 0.7326
size [# of strips]

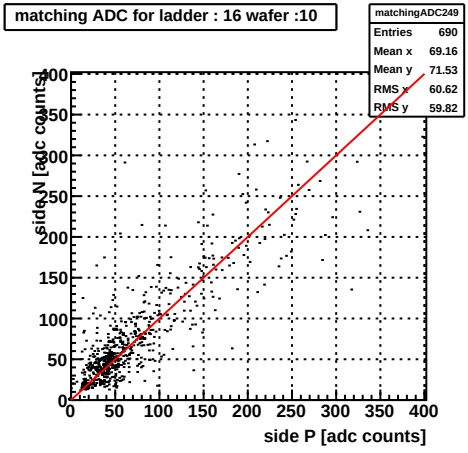

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 834
Mean x 62.56
Mean y 55.71
RMS x 53.45
RMS y 54.22
side N [adc counts]
side P [adc counts]

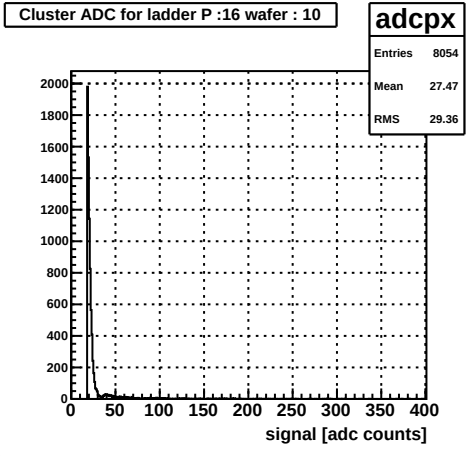

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11679
Mean 29.03
RMS 22.25
signal [adc counts]

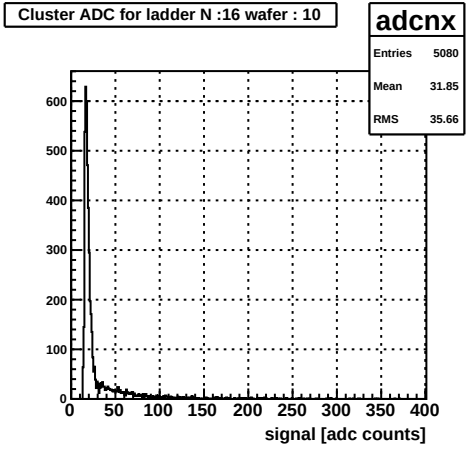

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4111
Mean 34.5
RMS 34.7
signal [adc counts]

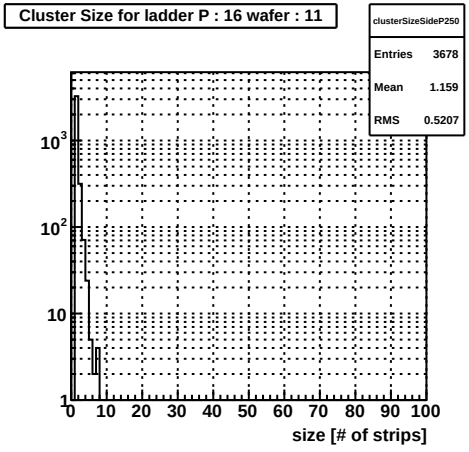

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8054
Mean 1.078
RMS 0.3381
size [# of strips]

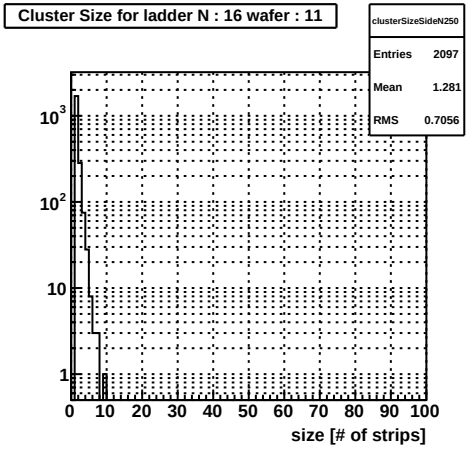

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5080
Mean 1.285
RMS 0.7156
size [# of strips]

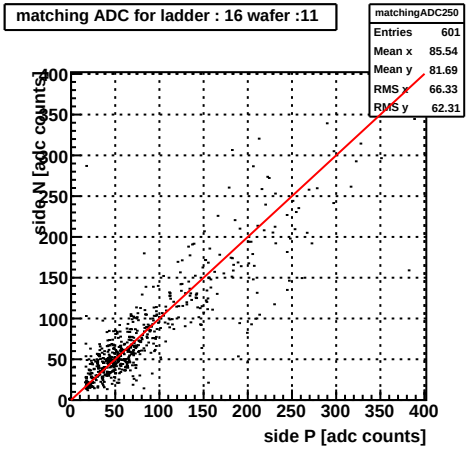

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 690
Mean x 69.16
Mean y 71.53
RMS x 60.62
RMS y 59.82
side N [adc counts]
side P [adc counts]

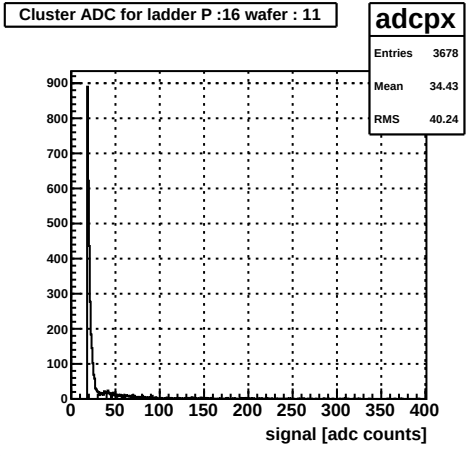

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8054
Mean 27.47
RMS 29.36
signal [adc counts]

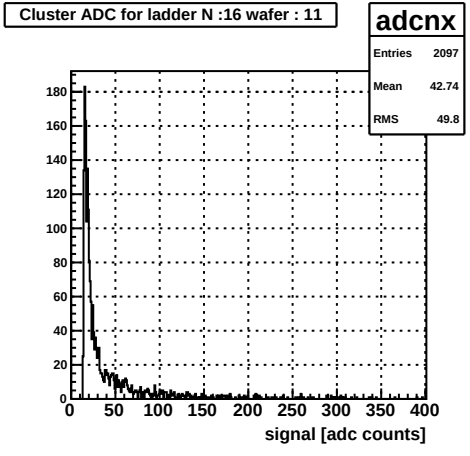

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5080
Mean 31.85
RMS 35.66
signal [adc counts]

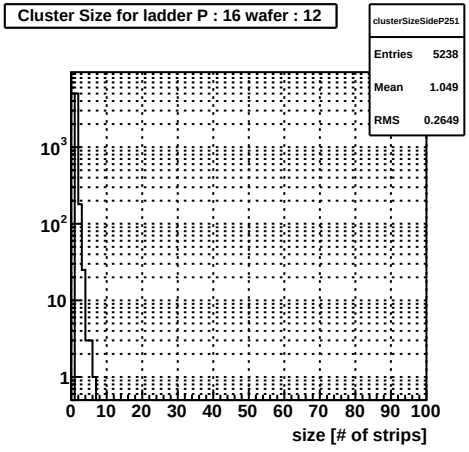

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3678
Mean 1.159
RMS 0.5207
size [# of strips]

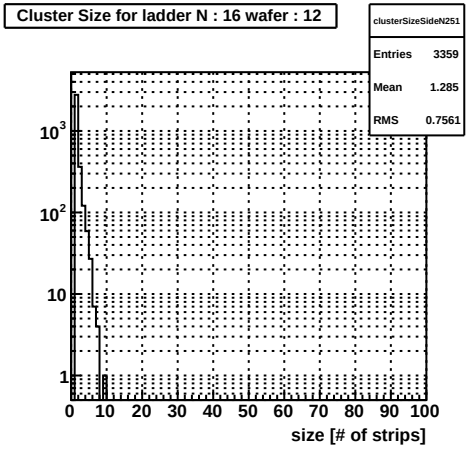

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2097
Mean 1.281
RMS 0.7056
size [# of strips]

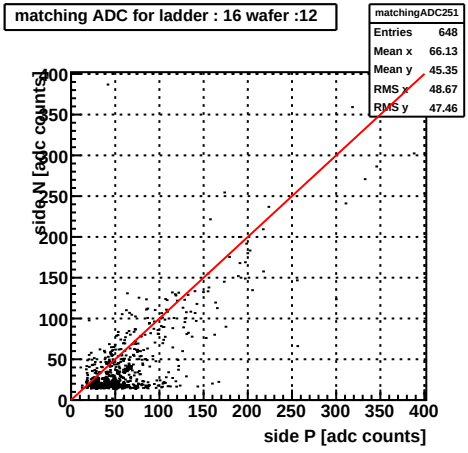

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 601
Mean x 85.54
Mean y 81.69
RMS x 66.33
RMS y 62.31
side N [adc counts]
side P [adc counts]

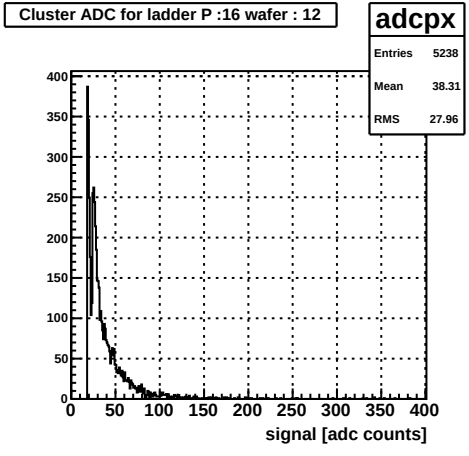

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3678
Mean 34.43
RMS 40.24
signal [adc counts]

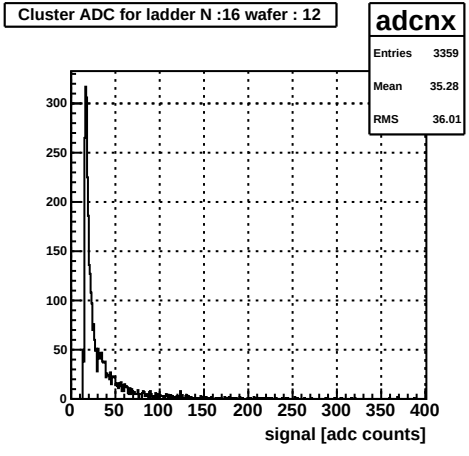

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2097
Mean 42.74
RMS 49.8
signal [adc counts]

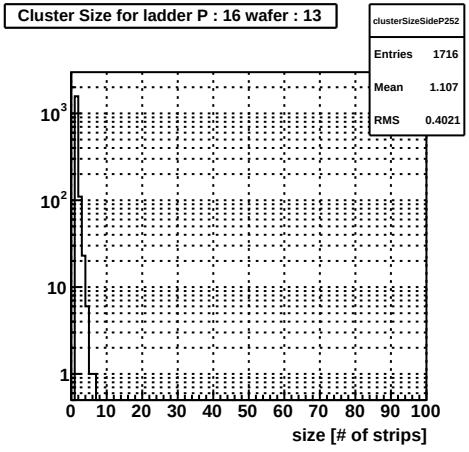

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 5238
Mean 1.049
RMS 0.2649
size [# of strips]

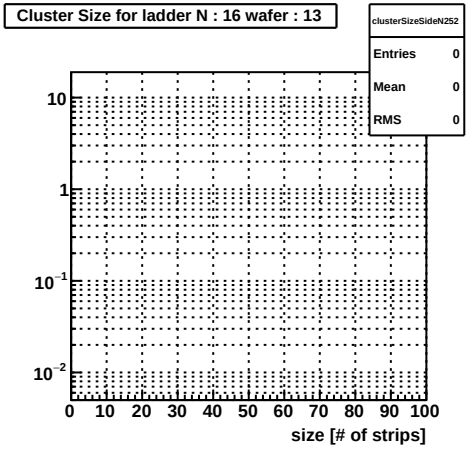

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3359
Mean 1.285
RMS 0.7561
size [# of strips]

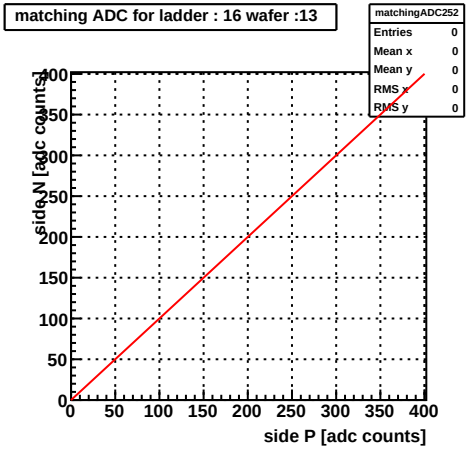

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 648
Mean x 66.13
Mean y 45.35
RMS x 48.67
RMS y 47.46
side N [adc counts]
side P [adc counts]

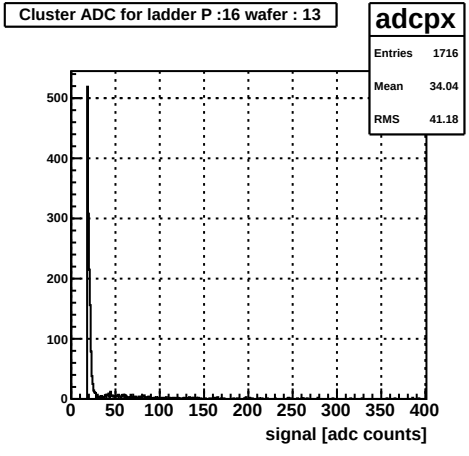

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 5238
Mean 38.31
RMS 27.96
signal [adc counts]

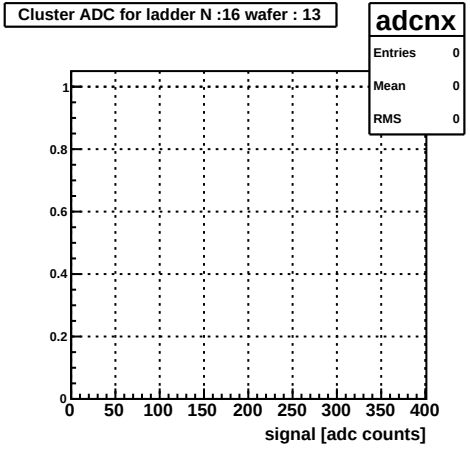

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3359
Mean 35.28
RMS 36.01
signal [adc counts]

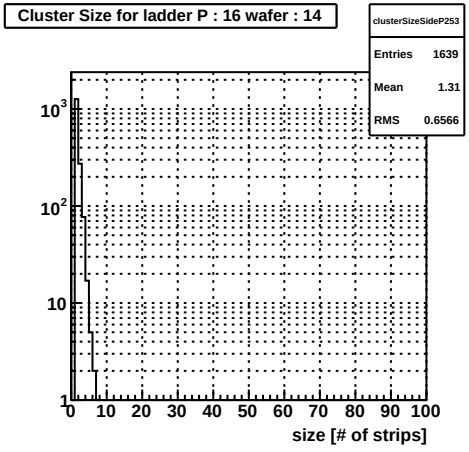

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1716
Mean 1.107
RMS 0.4021
size [# of strips]

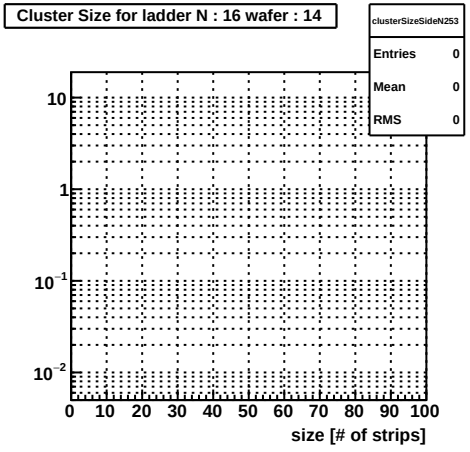

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

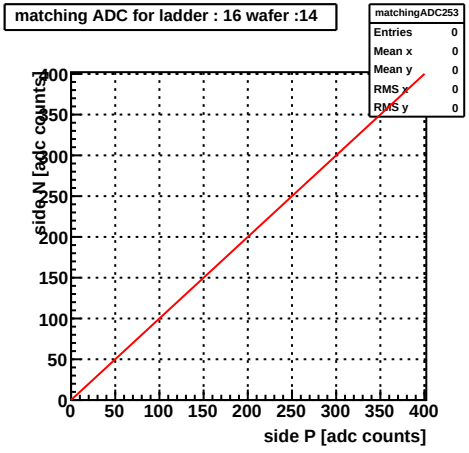

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

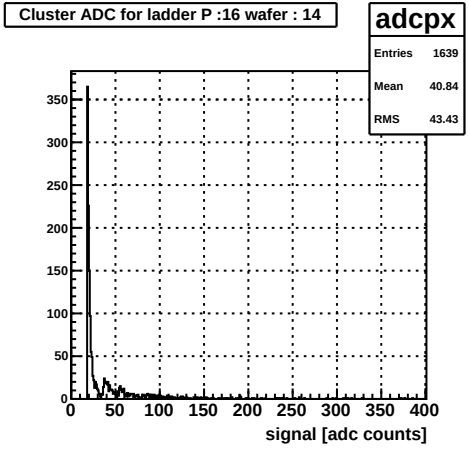

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1716
Mean 34.04
RMS 41.18
signal [adc counts]

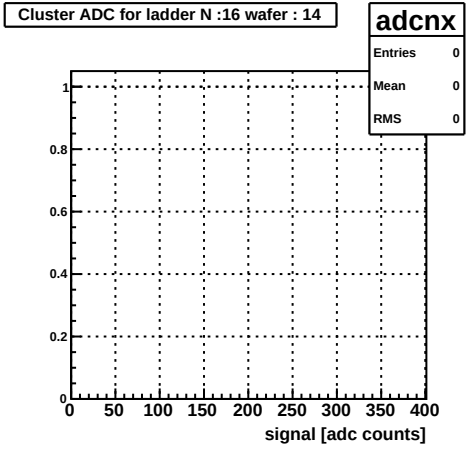

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

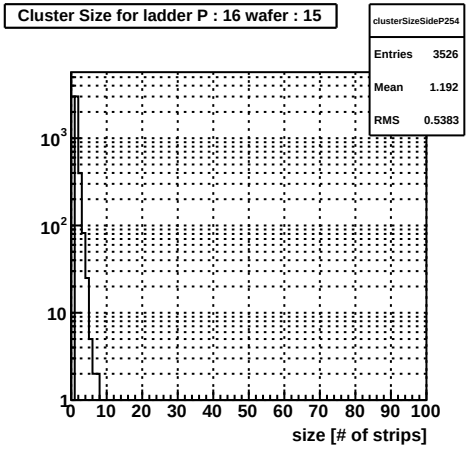

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1639
Mean 1.31
RMS 0.6566
size [# of strips]

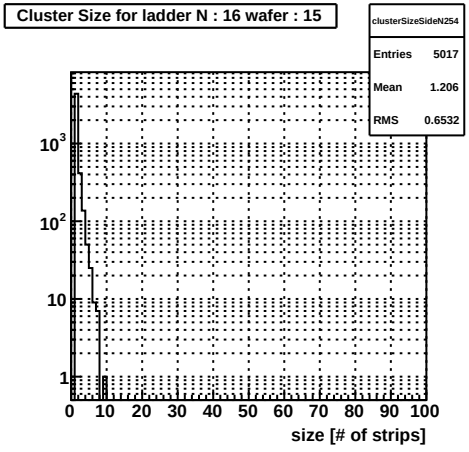

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

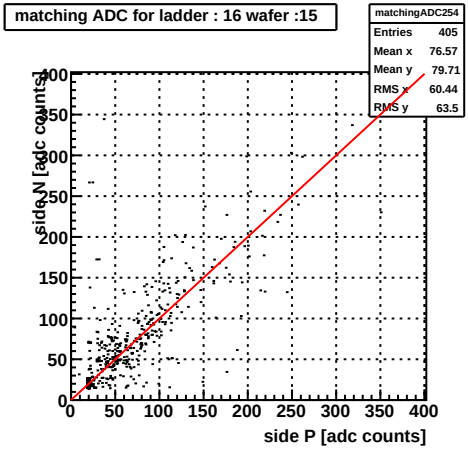

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

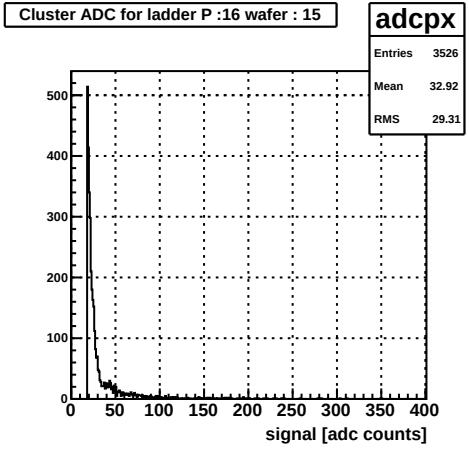

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1639
Mean 40.84
RMS 43.43
signal [adc counts]

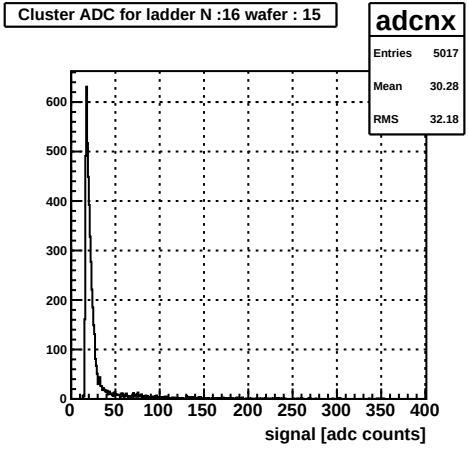

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

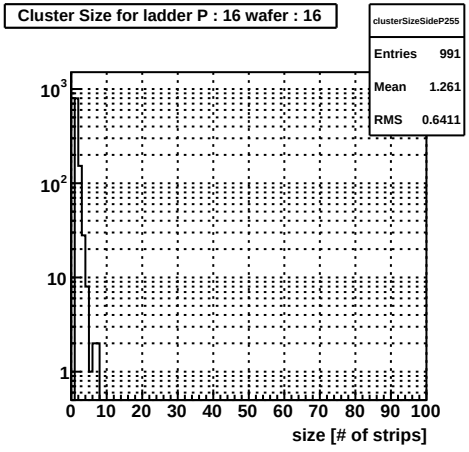

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3526
Mean 1.192
RMS 0.5383
size [# of strips]

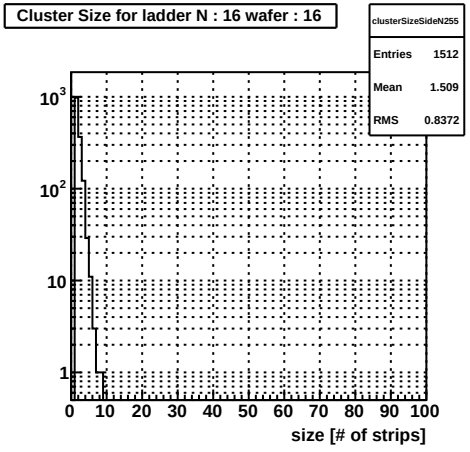

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 5017
Mean 1.206
RMS 0.6532
size [# of strips]

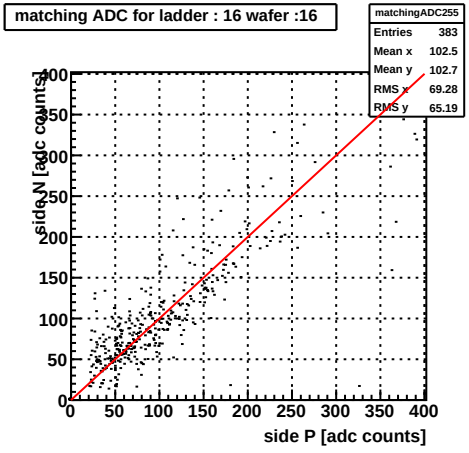

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 405
Mean x 76.57
Mean y 79.71
RMS x 60.44
RMS y 63.5
side N [adc counts]
side P [adc counts]

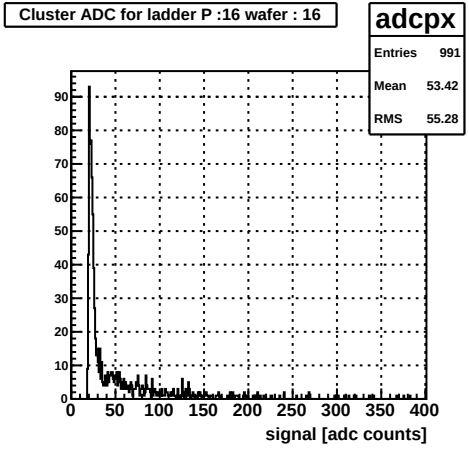

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3526
Mean 32.92
RMS 29.31
signal [adc counts]

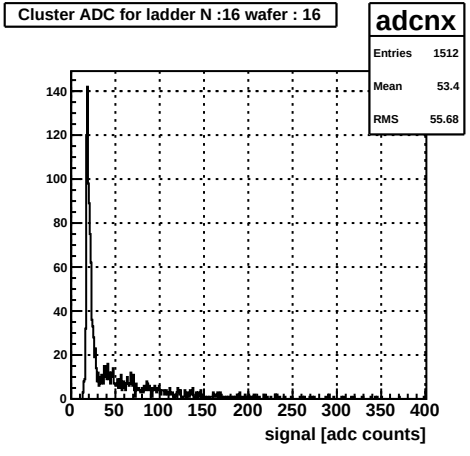

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 5017
Mean 30.28
RMS 32.18
signal [adc counts]

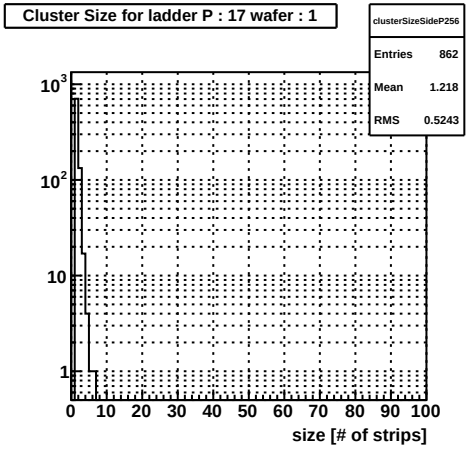

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 991
Mean 1.261
RMS 0.6411
size [# of strips]

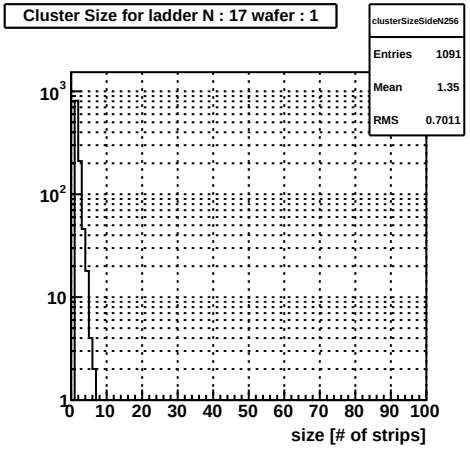

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1512
Mean 1.509
RMS 0.8372
size [# of strips]

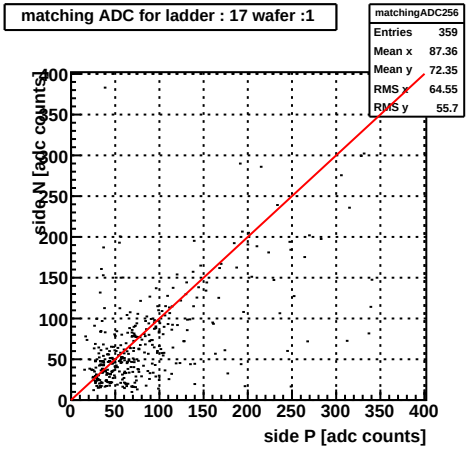

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 383
Mean x 102.5
Mean y 102.7
RMS x 69.28
RMS y 65.19
side N [adc counts]
side P [adc counts]

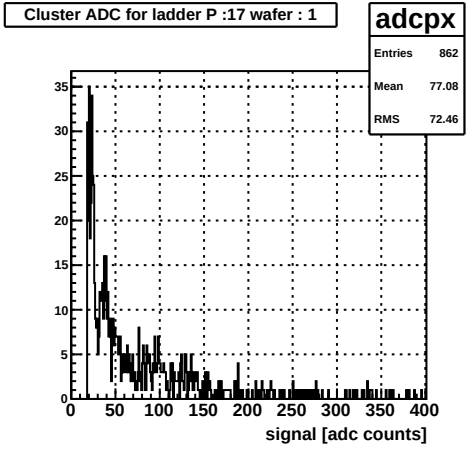

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 991
Mean 53.42
RMS 55.28
signal [adc counts]

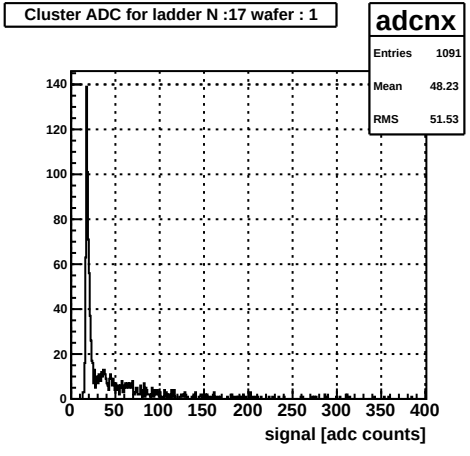

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1512
Mean 53.4
RMS 55.68
signal [adc counts]

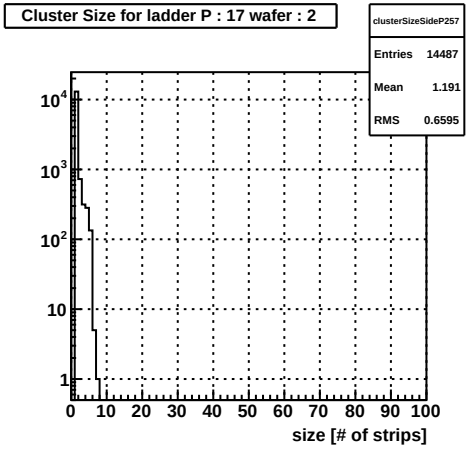

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 862
Mean 1.218
RMS 0.5243
size [# of strips]

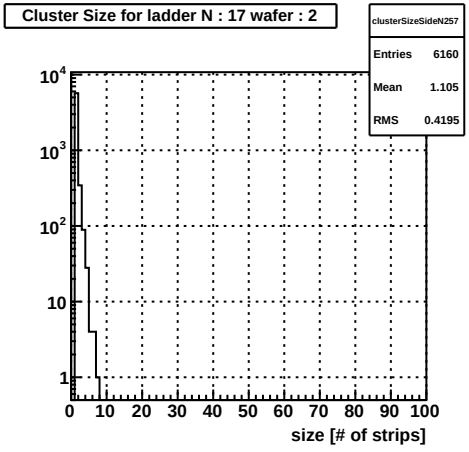

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1091
Mean 1.35
RMS 0.7011
size [# of strips]

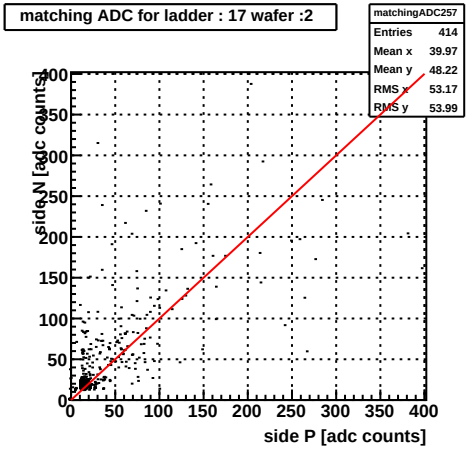

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 359
Mean x 87.36
Mean y 72.35
RMS x 64.55
RMS y 55.7
side N [adc counts]
side P [adc counts]

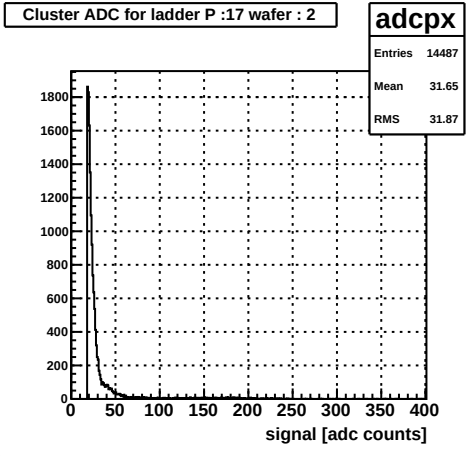

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 862
Mean 77.08
RMS 72.46
signal [adc counts]

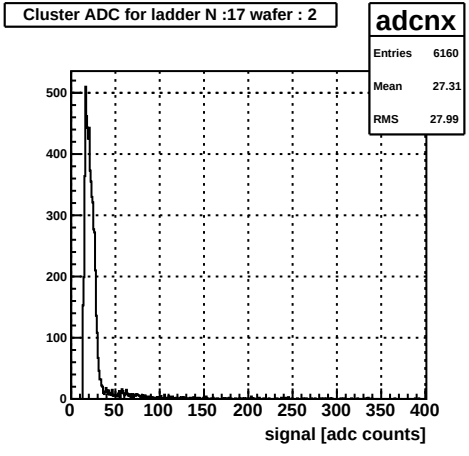

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1091
Mean 48.23
RMS 51.53
signal [adc counts]

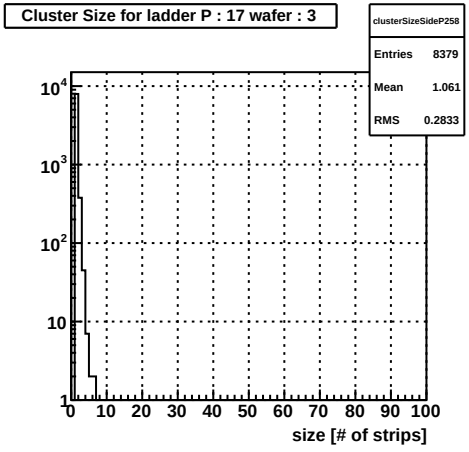

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14487
Mean 1.191
RMS 0.6595
size [# of strips]

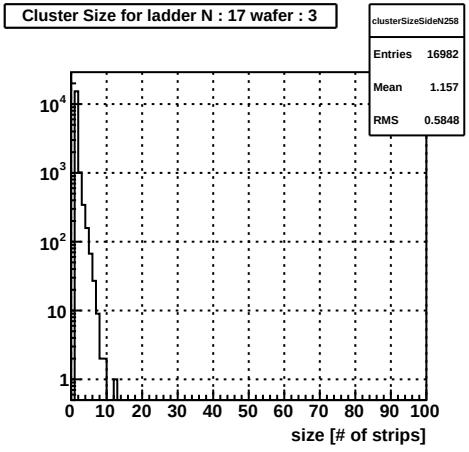

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 6160
Mean 1.105
RMS 0.4195
size [# of strips]

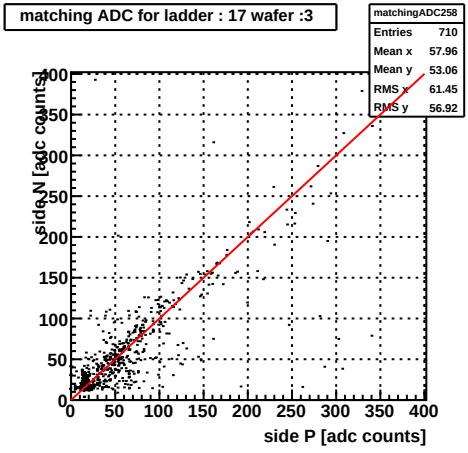

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 414
Mean x 39.97
Mean y 48.22
RMS x 53.17
RMS y 53.99
side N [adc counts]
side P [adc counts]

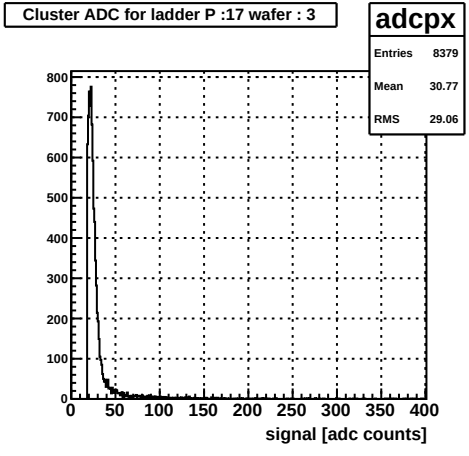

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14487
Mean 31.65
RMS 31.87
signal [adc counts]

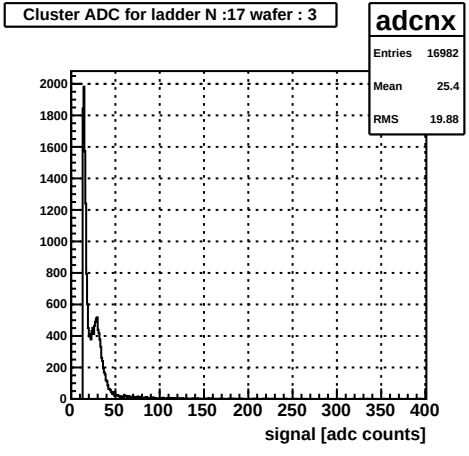

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 6160
Mean 27.31
RMS 27.99
signal [adc counts]

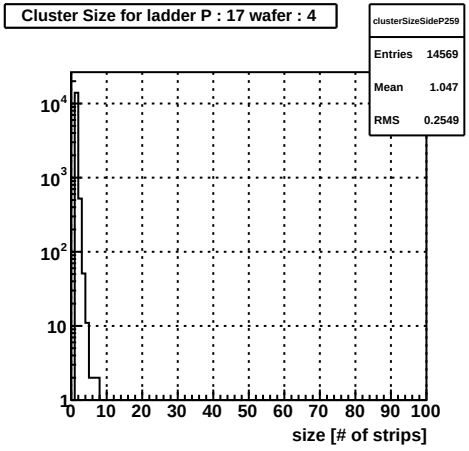

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8379
Mean 1.061
RMS 0.2833
size [# of strips]

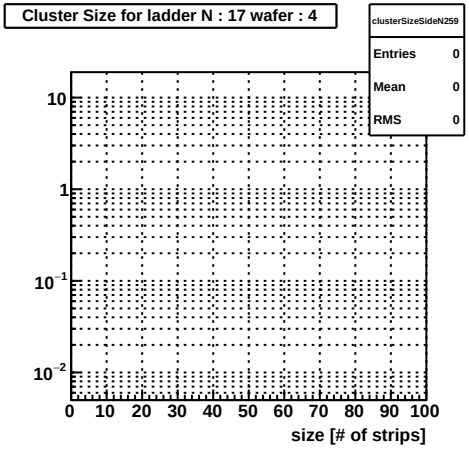

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 16982
Mean 1.157
RMS 0.5848
size [# of strips]

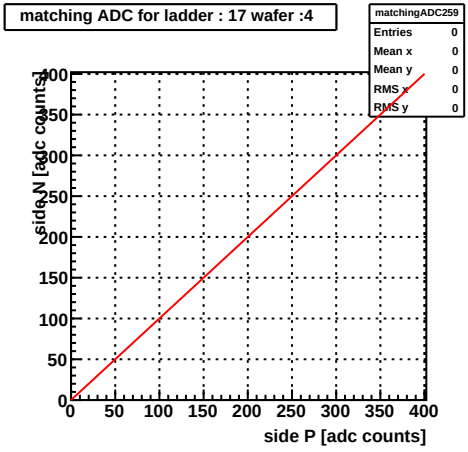

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 710
Mean x 57.96
Mean y 53.06
RMS x 61.45
RMS y 56.92
side N [adc counts]
side P [adc counts]

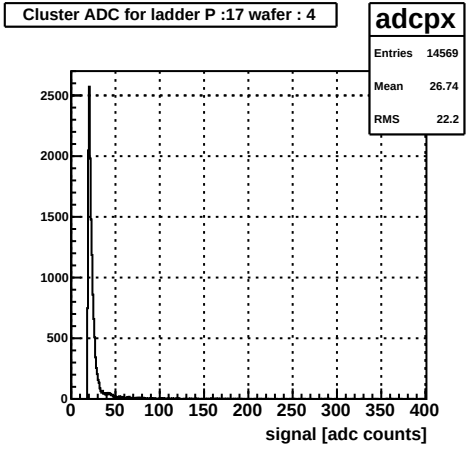

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8379
Mean 30.77
RMS 29.06
signal [adc counts]

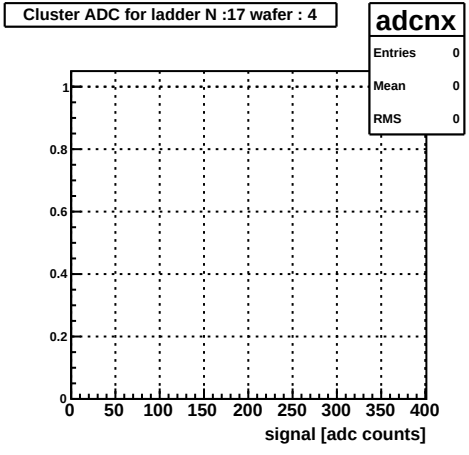

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 16982
Mean 25.4
RMS 19.88
signal [adc counts]

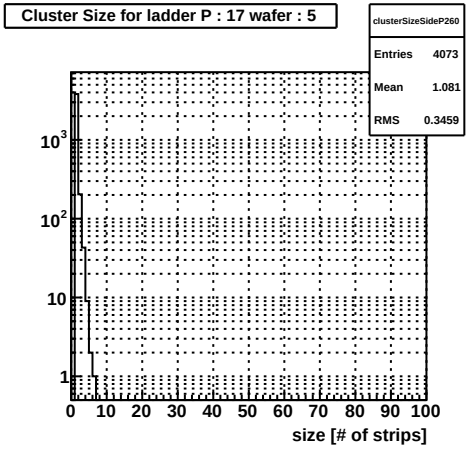

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 14569
Mean 1.047
RMS 0.2549
size [# of strips]

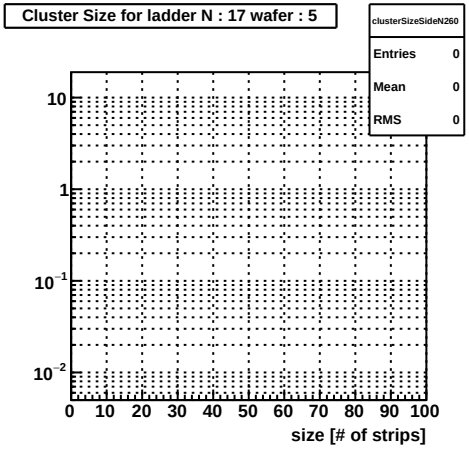

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

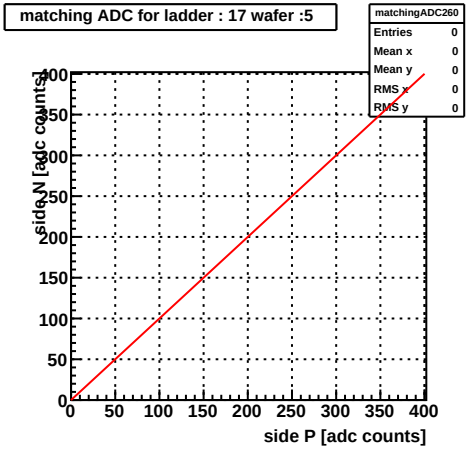

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

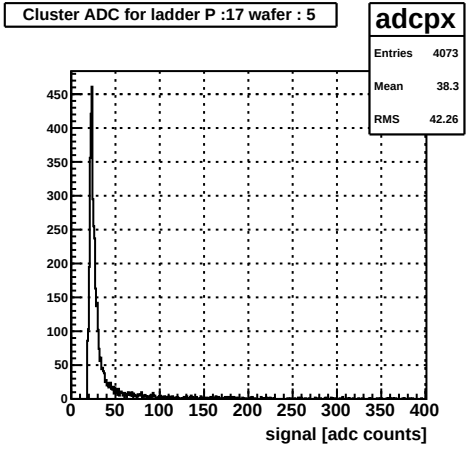

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 14569
Mean 26.74
RMS 22.2
signal [adc counts]

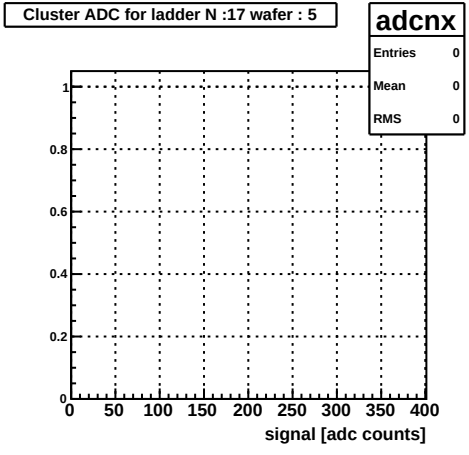

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

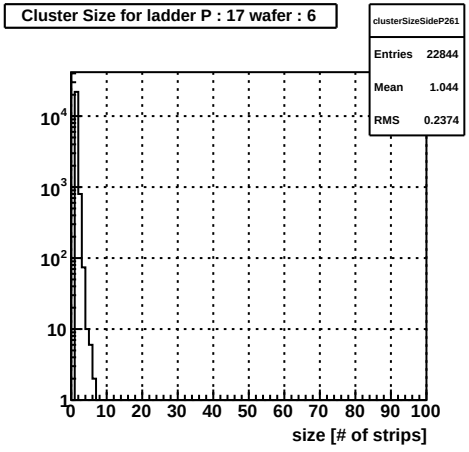

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4073
Mean 1.081
RMS 0.3459
size [# of strips]

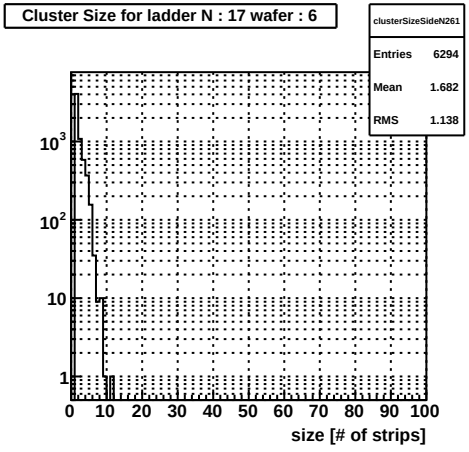

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

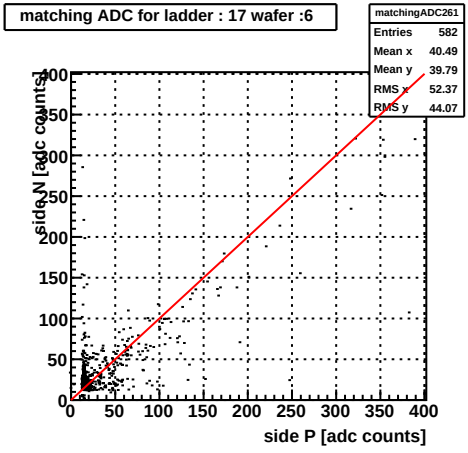

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

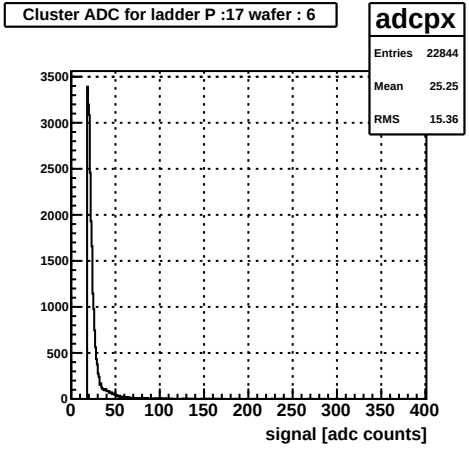

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4073
Mean 38.3
RMS 42.26
signal [adc counts]

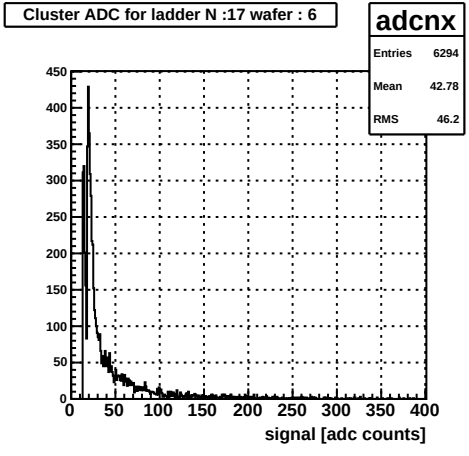

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

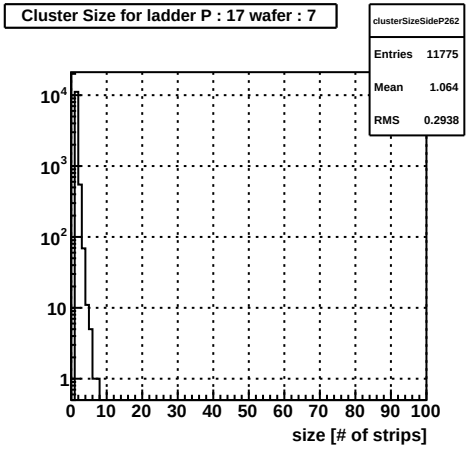

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 22844
Mean 1.044
RMS 0.2374
size [# of strips]

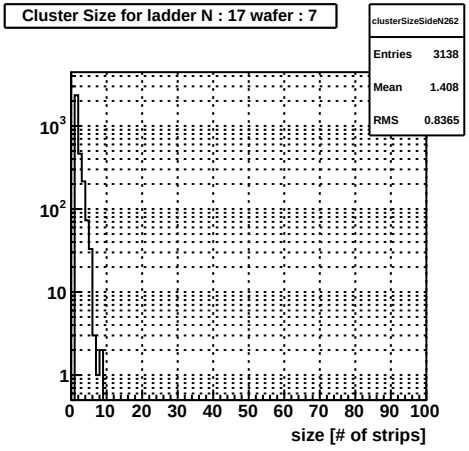

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6294
Mean 1.682
RMS 1.138
size [# of strips]

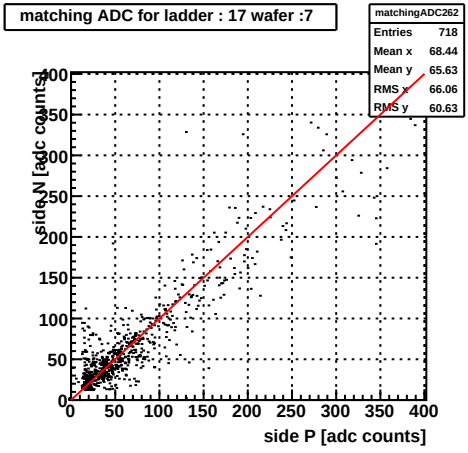

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 582
Mean x 40.49
Mean y 39.79
RMS x 52.37
RMS y 44.07
side N [adc counts]
side P [adc counts]

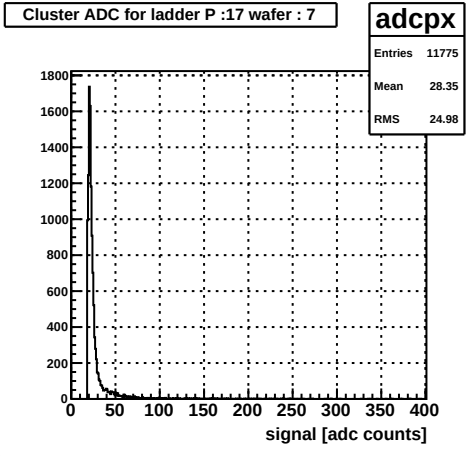

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 22844
Mean 25.25
RMS 15.36
signal [adc counts]

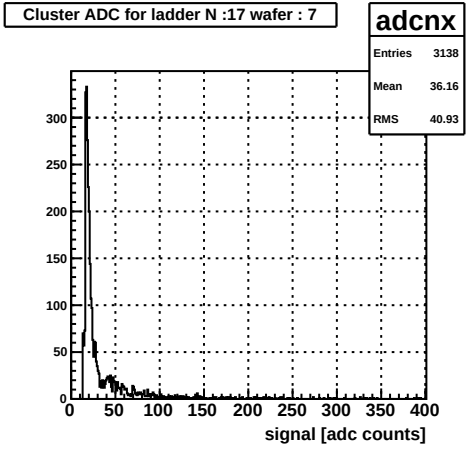

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6294
Mean 42.78
RMS 46.2
signal [adc counts]

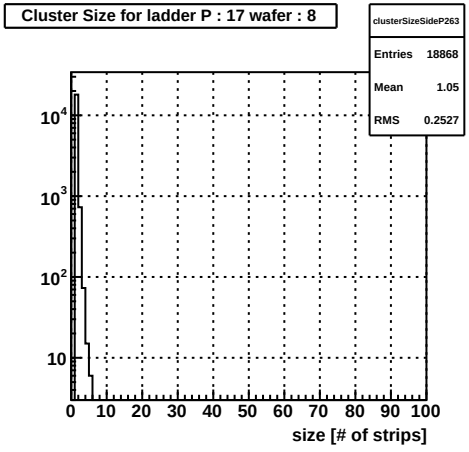

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11775
Mean 1.064
RMS 0.2938
size [# of strips]

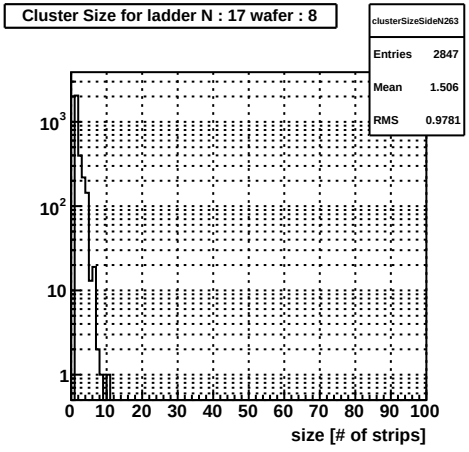

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 3138
Mean 1.408
RMS 0.8365
size [# of strips]

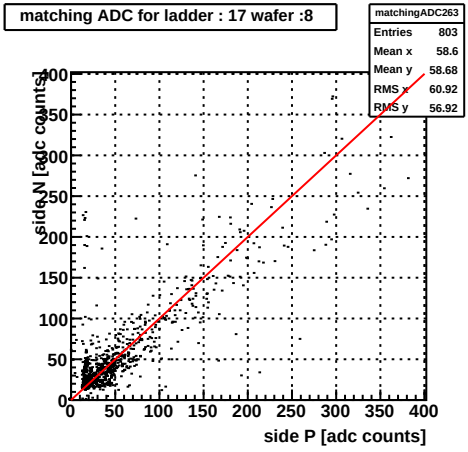

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 718
Mean x 68.44
Mean y 65.63
RMS x 66.06
RMS y 60.63
side N [adc counts]
side P [adc counts]

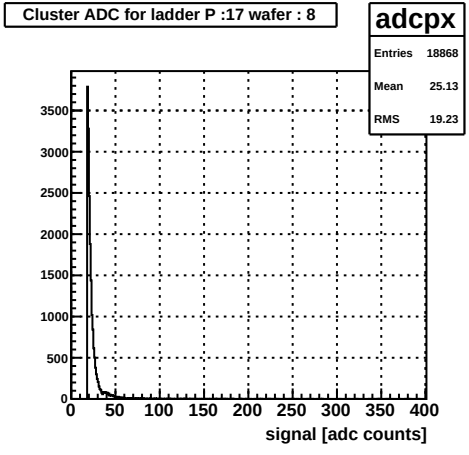

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11775
Mean 28.35
RMS 24.98
signal [adc counts]

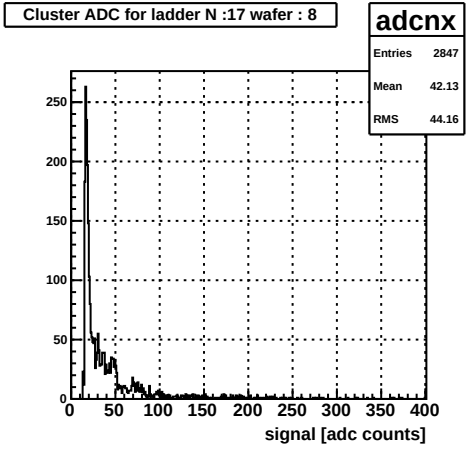

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 3138
Mean 36.16
RMS 40.93
signal [adc counts]

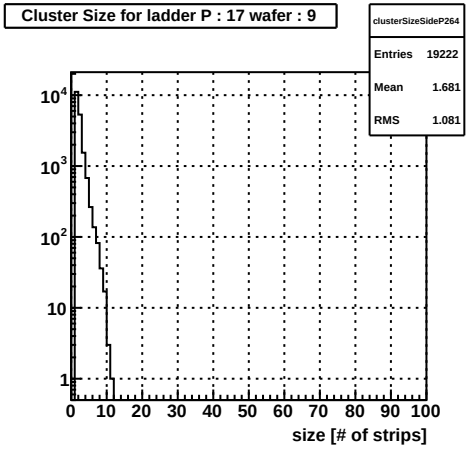

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 18868
Mean 1.05
RMS 0.2527
size [# of strips]

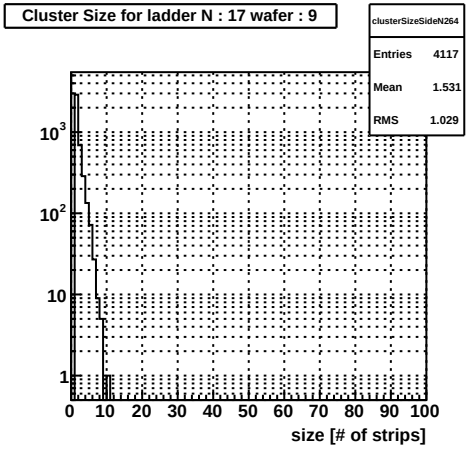

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2847
Mean 1.506
RMS 0.9781
size [# of strips]

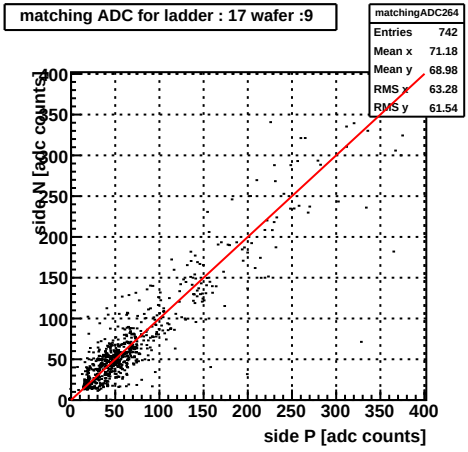

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 803
Mean x 58.6
Mean y 58.68
RMS x 60.92
RMS y 56.92
side N [adc counts]
side P [adc counts]

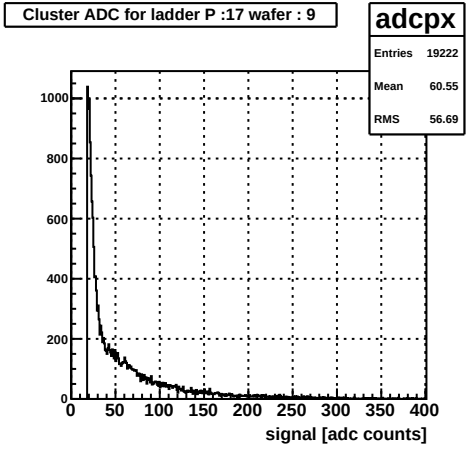

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 18868
Mean 25.13
RMS 19.23
signal [adc counts]

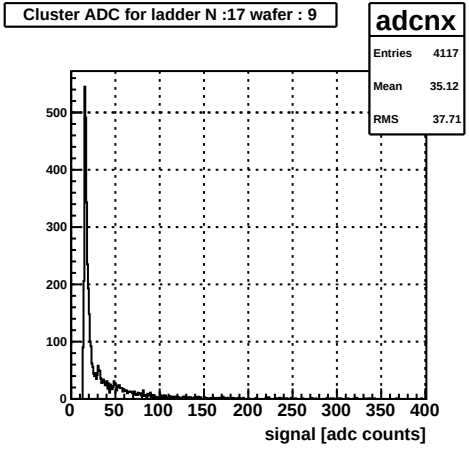

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2847
Mean 42.13
RMS 44.16
signal [adc counts]

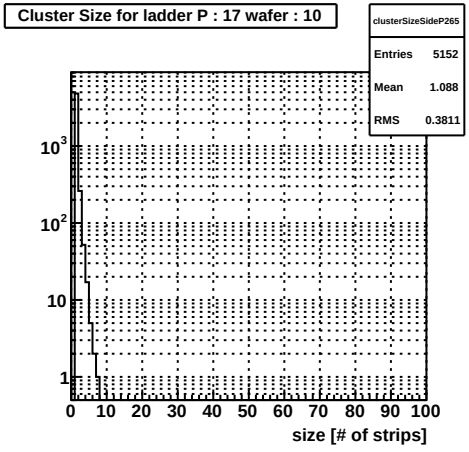

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19222
Mean 1.681
RMS 1.081
size [# of strips]

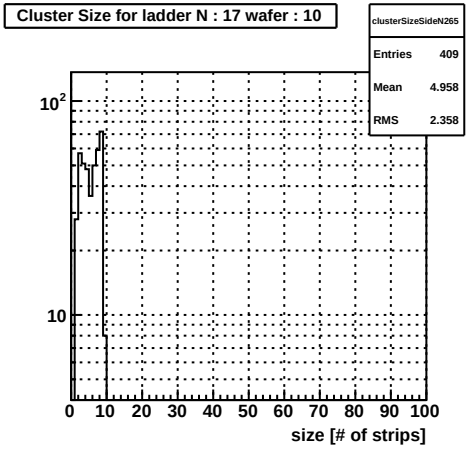

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4117
Mean 1.531
RMS 1.029
size [# of strips]

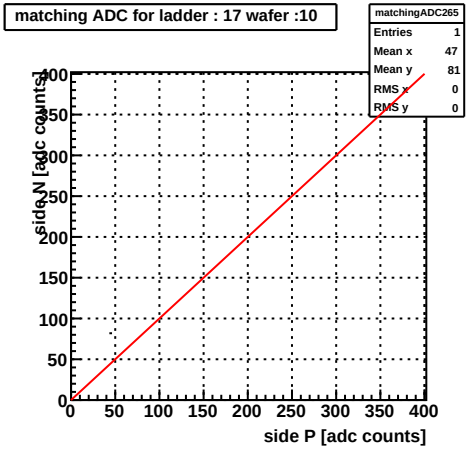

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 742
Mean x 71.18
Mean y 68.98
RMS x 63.28
RMS y 61.54
side N [adc counts]
side P [adc counts]

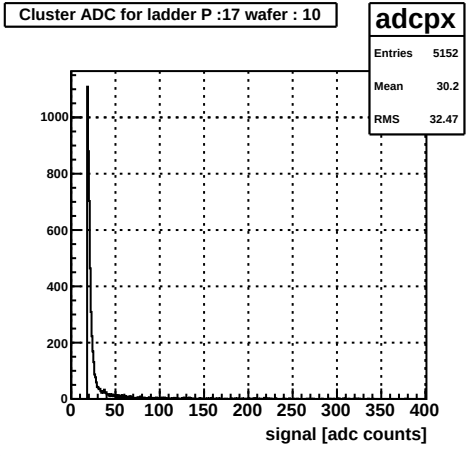

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19222
Mean 60.55
RMS 56.69
signal [adc counts]

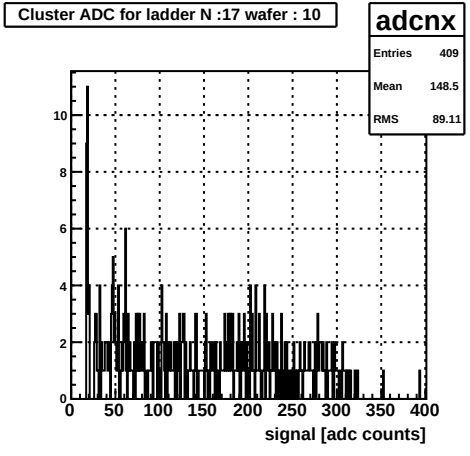

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4117
Mean 35.12
RMS 37.71
signal [adc counts]

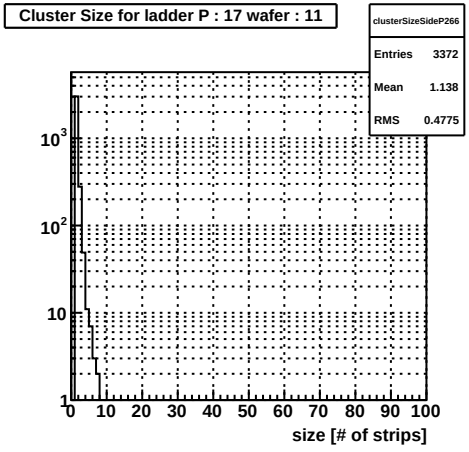

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5152
Mean 1.088
RMS 0.3811
size [# of strips]

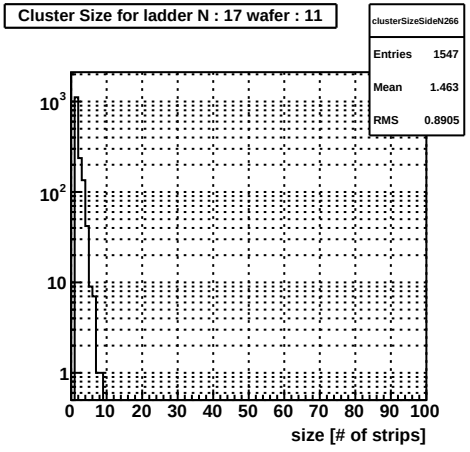

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 409
Mean 4.958
RMS 2.358
size [# of strips]

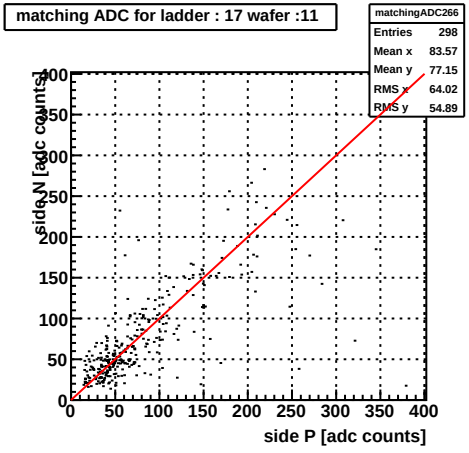

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 47
Mean y 81
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

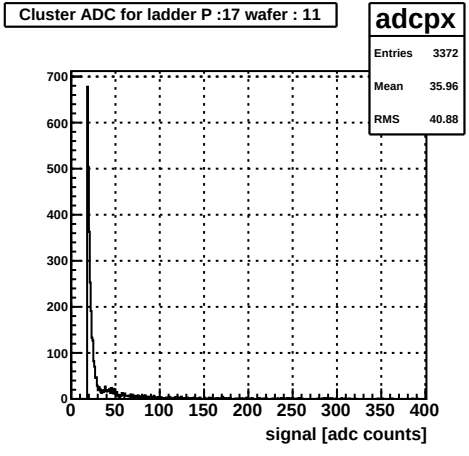

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5152
Mean 30.2
RMS 32.47
signal [adc counts]

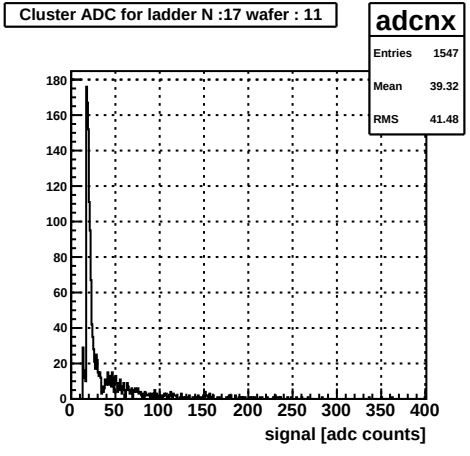

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 409
Mean 148.5
RMS 89.11
signal [adc counts]

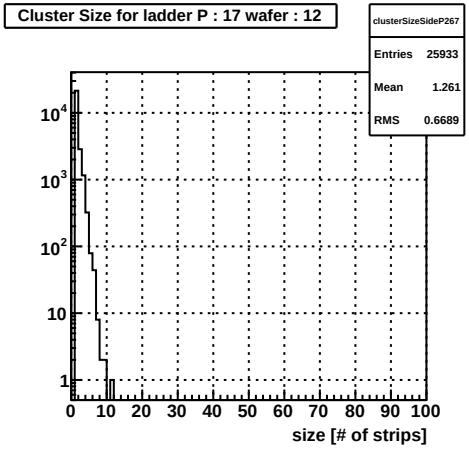

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3372
Mean 1.138
RMS 0.4775
size [# of strips]

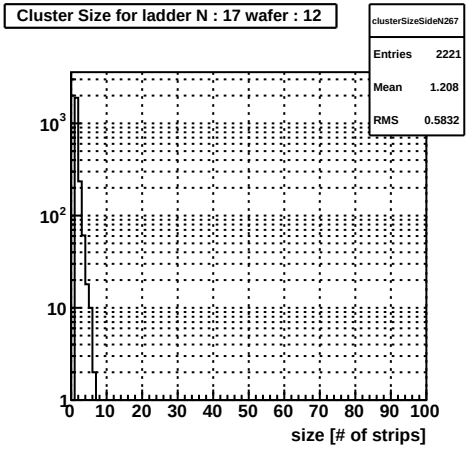

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1547
Mean 1.463
RMS 0.8905
size [# of strips]

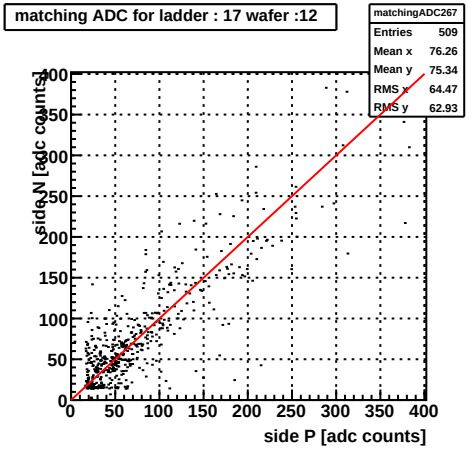

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 298
Mean x 83.57
Mean y 77.15
RMS x 64.02
RMS y 54.89
side N [adc counts]
side P [adc counts]

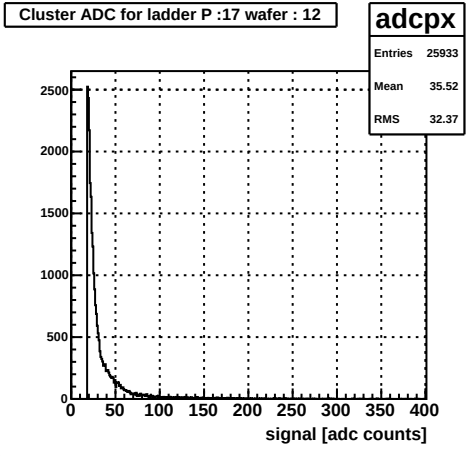

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3372
Mean 35.96
RMS 40.88
signal [adc counts]

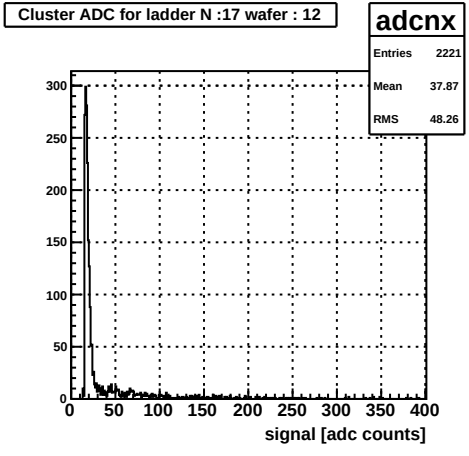

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1547
Mean 39.32
RMS 41.48
signal [adc counts]

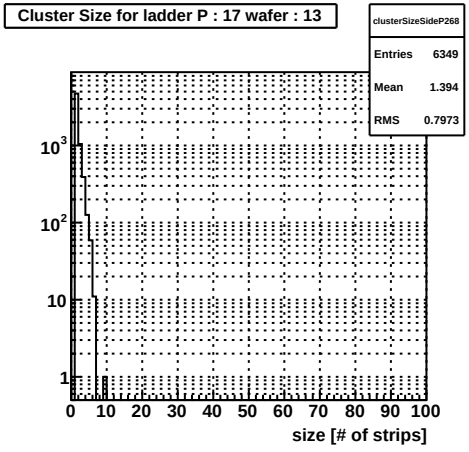

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 25933
Mean 1.261
RMS 0.6689
size [# of strips]

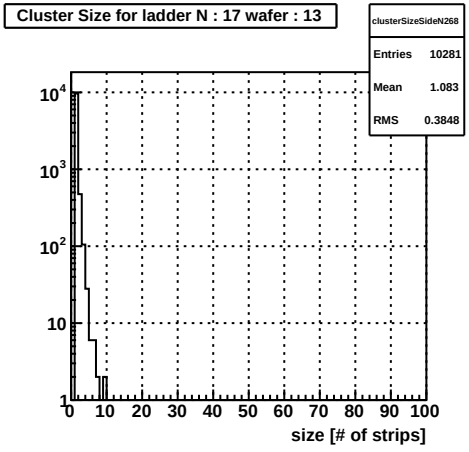

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2221
Mean 1.208
RMS 0.5832
size [# of strips]

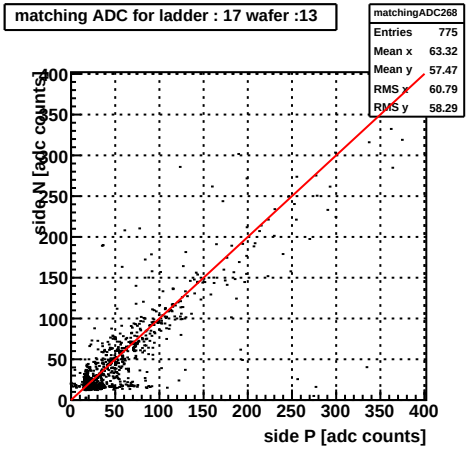

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 509
Mean x 76.26
Mean y 75.34
RMS x 64.47
RMS y 62.93
side N [adc counts]
side P [adc counts]

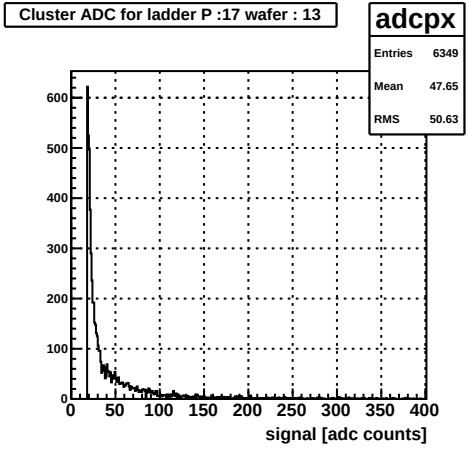

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 25933
Mean 35.52
RMS 32.37
signal [adc counts]

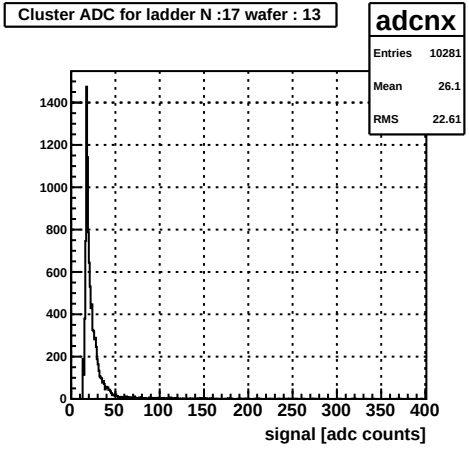

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2221
Mean 37.87
RMS 48.26
signal [adc counts]

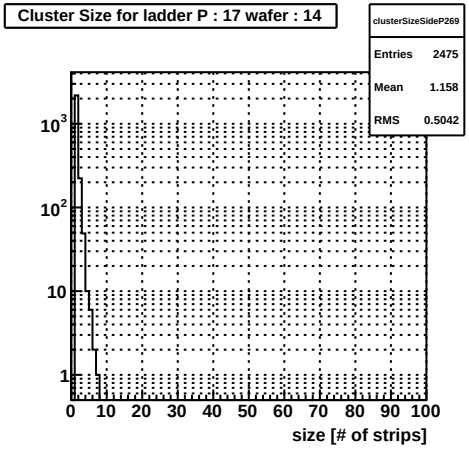

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6349
Mean 1.394
RMS 0.7973
size [# of strips]

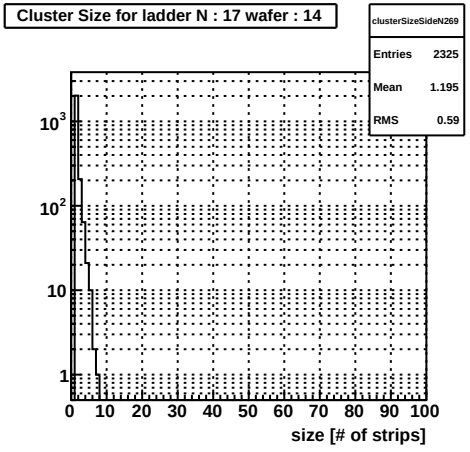

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 10281
Mean 1.083
RMS 0.3848
size [# of strips]

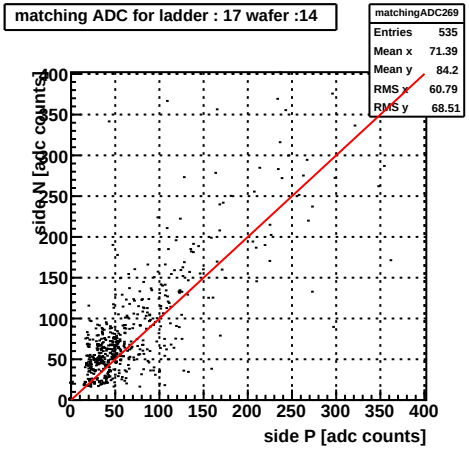

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 775
Mean x 63.32
Mean y 57.47
RMS x 60.79
RMS y 58.29
side N [adc counts]
side P [adc counts]

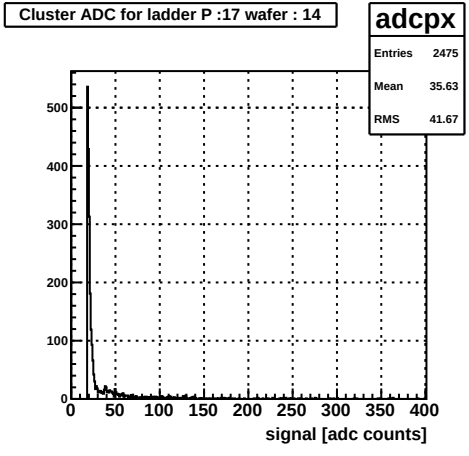

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6349
Mean 47.65
RMS 50.63
signal [adc counts]

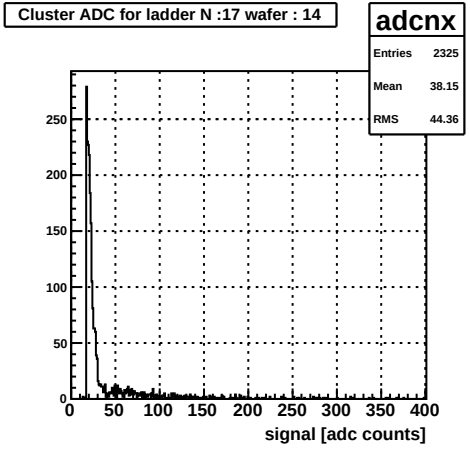

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 10281
Mean 26.1
RMS 22.61
signal [adc counts]

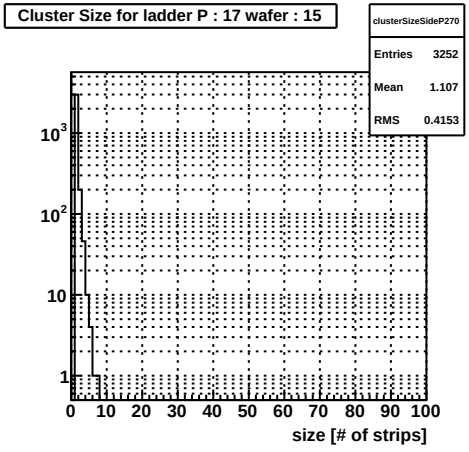

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2475
Mean 1.158
RMS 0.5042
size [# of strips]

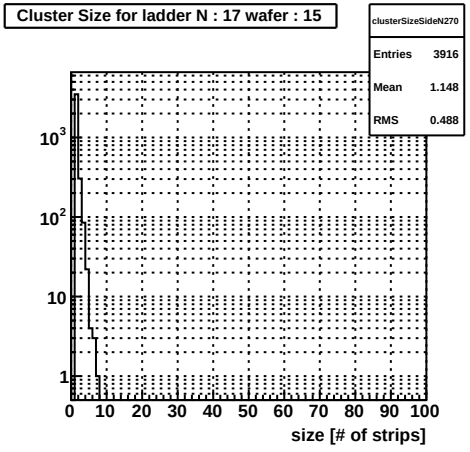

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2325
Mean 1.195
RMS 0.59
size [# of strips]

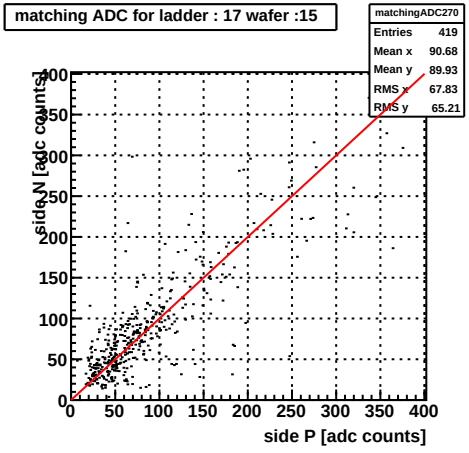

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 535
Mean x 71.39
Mean y 84.2
RMS x 60.79
RMS y 68.51
side N [adc counts]
side P [adc counts]

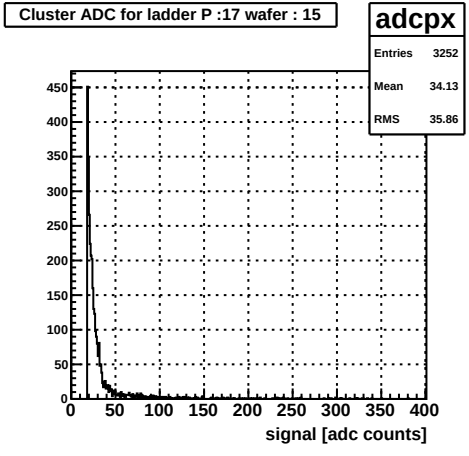

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2475
Mean 35.63
RMS 41.67
signal [adc counts]

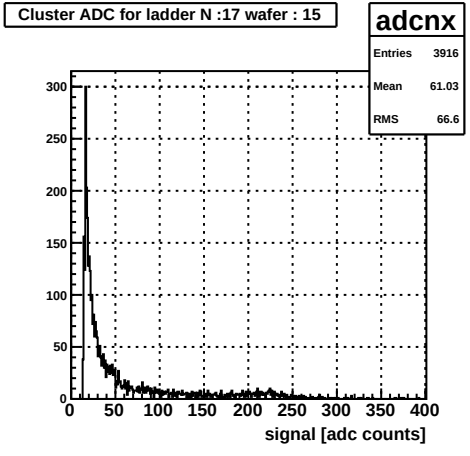

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2325
Mean 38.15
RMS 44.36
signal [adc counts]

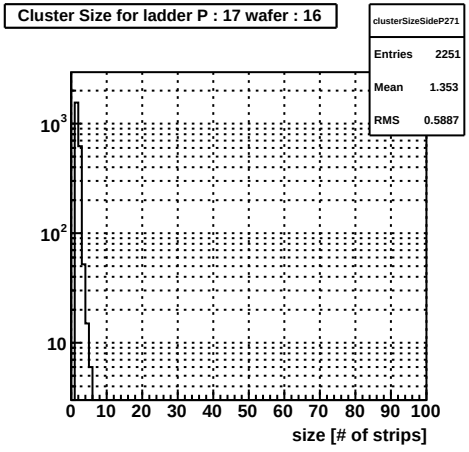

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3252
Mean 1.107
RMS 0.4153
size [# of strips]

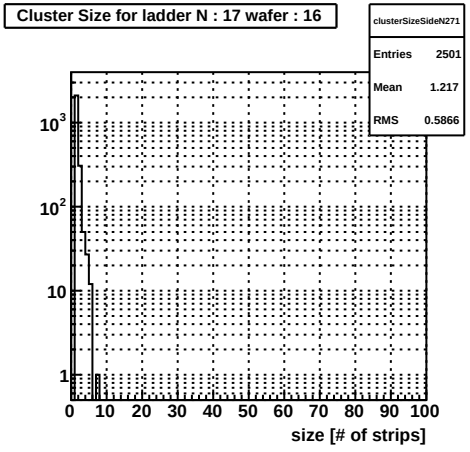

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3916
Mean 1.148
RMS 0.488
size [# of strips]

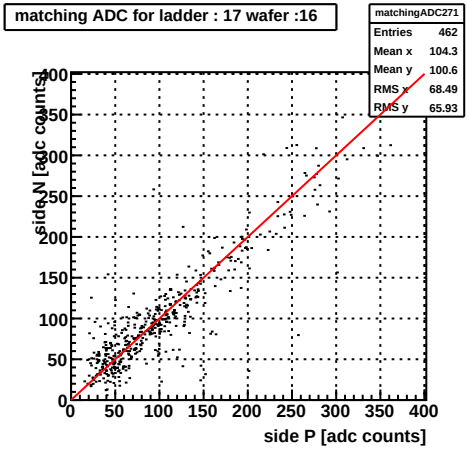

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 419
Mean x 90.68
Mean y 89.93
RMS x 67.83
RMS y 65.21
side N [adc counts]
side P [adc counts]

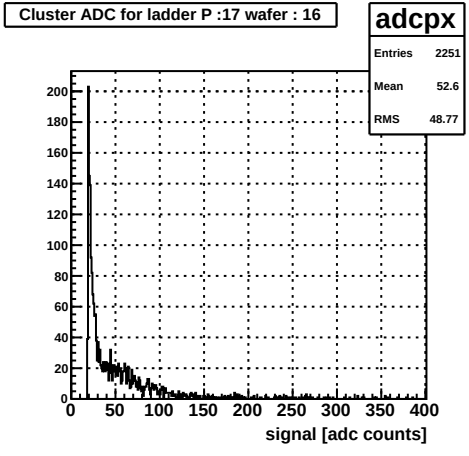

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3252
Mean 34.13
RMS 35.86
signal [adc counts]

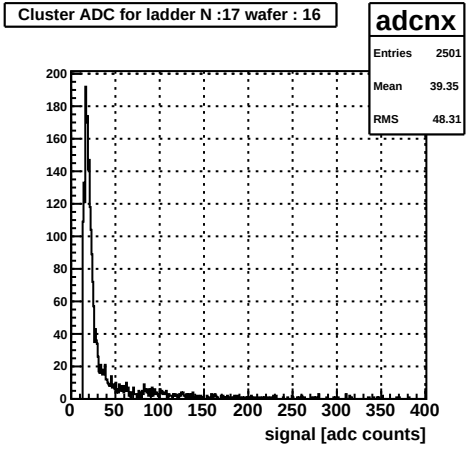

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3916
Mean 61.03
RMS 66.6
signal [adc counts]

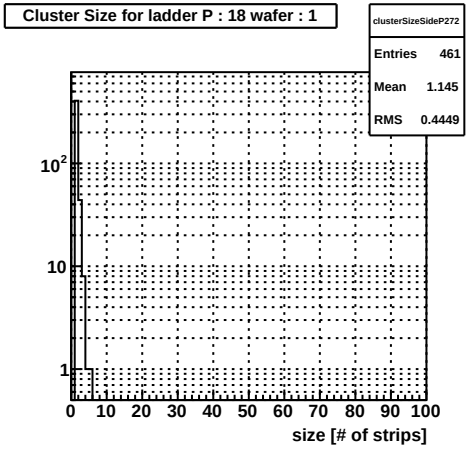

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2251
Mean 1.353
RMS 0.5887
size [# of strips]

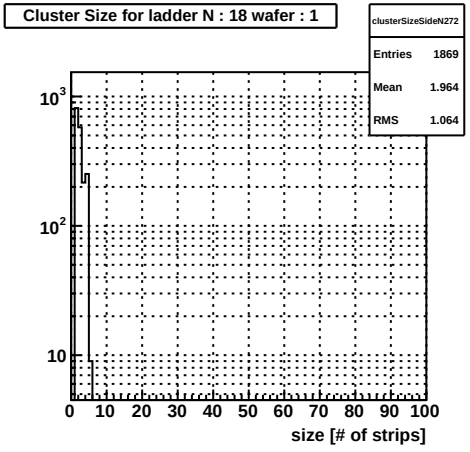

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2501
Mean 1.217
RMS 0.5866
size [# of strips]

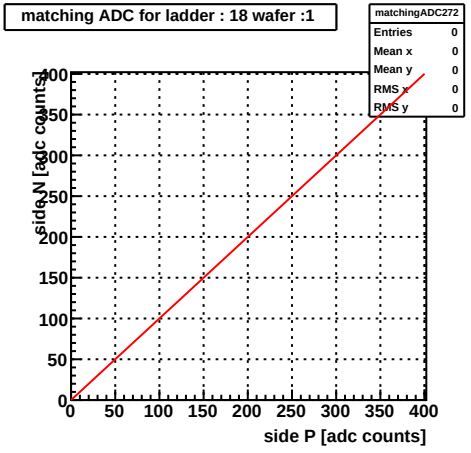

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 462
Mean x 104.3
Mean y 100.6
RMS x 68.49
RMS y 65.93
side N [adc counts]
side P [adc counts]

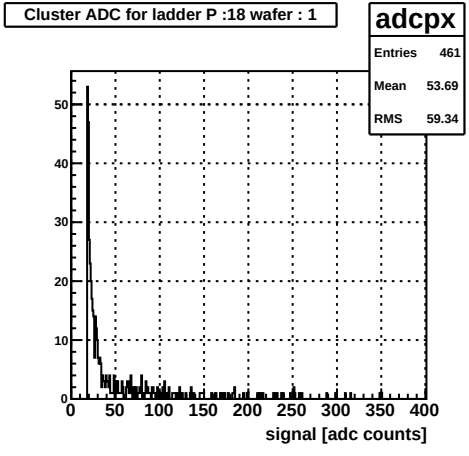

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2251
Mean 52.6
RMS 48.77
signal [adc counts]

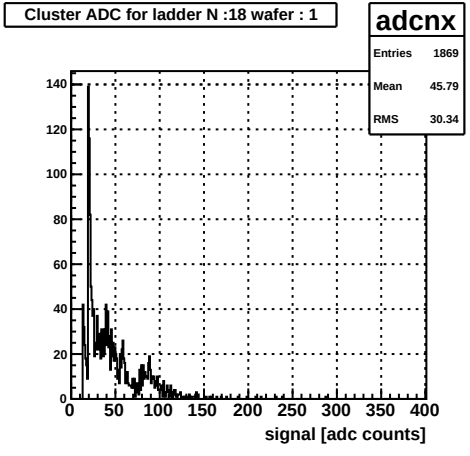

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2501
Mean 39.35
RMS 48.31
signal [adc counts]

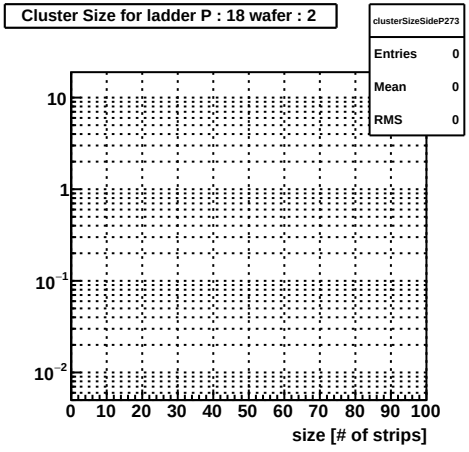

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 461
Mean 1.145
RMS 0.4449
size [# of strips]

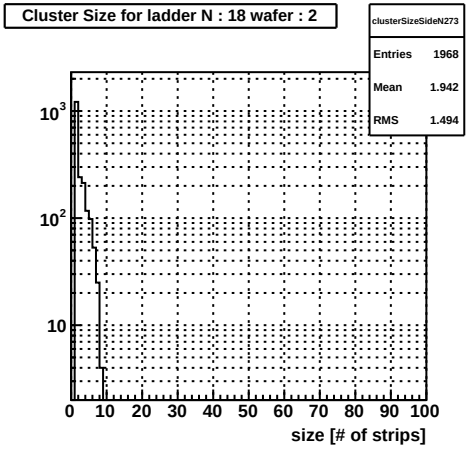

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1869
Mean 1.964
RMS 1.064
size [# of strips]

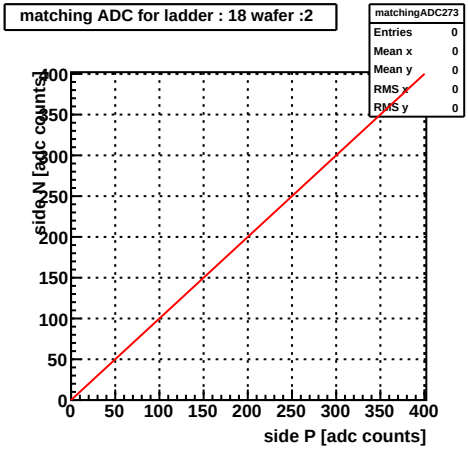

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

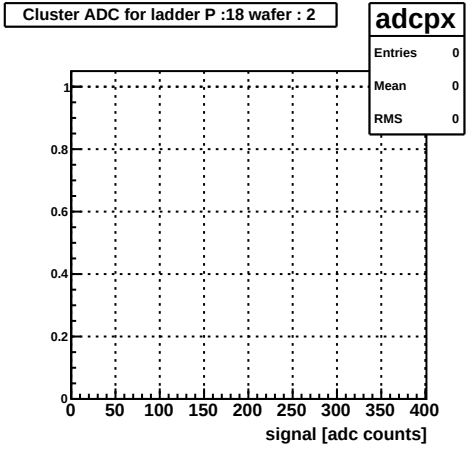

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 461
Mean 53.69
RMS 59.34
signal [adc counts]

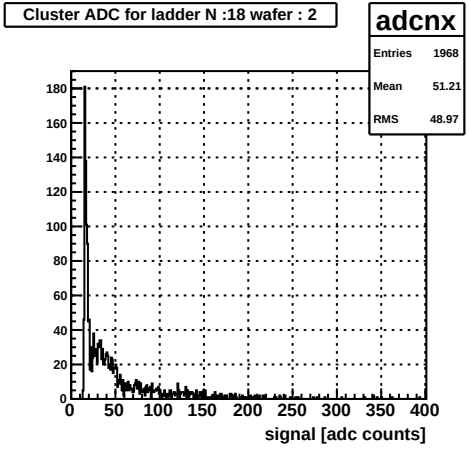

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1869
Mean 45.79
RMS 30.34
signal [adc counts]

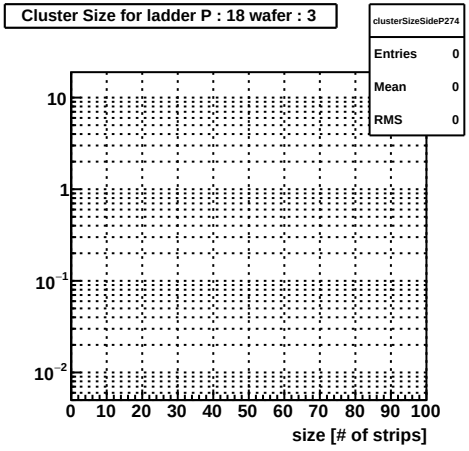

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

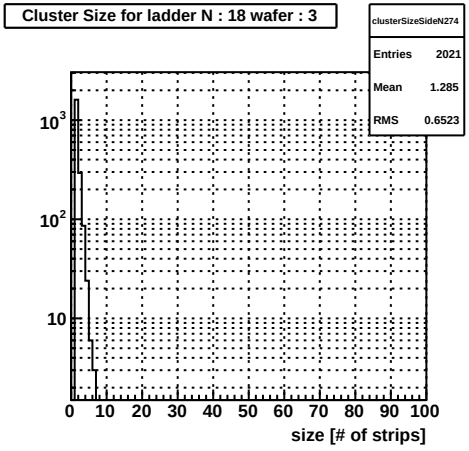

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1968
Mean 1.942
RMS 1.494
size [# of strips]

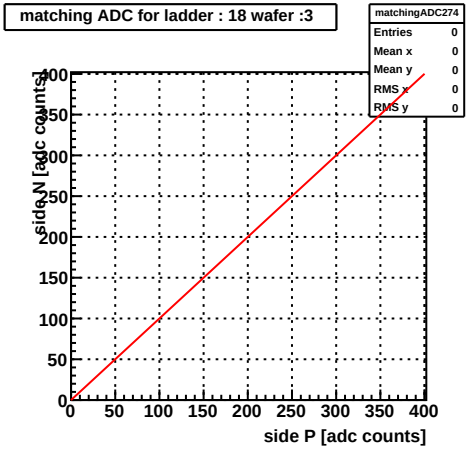

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

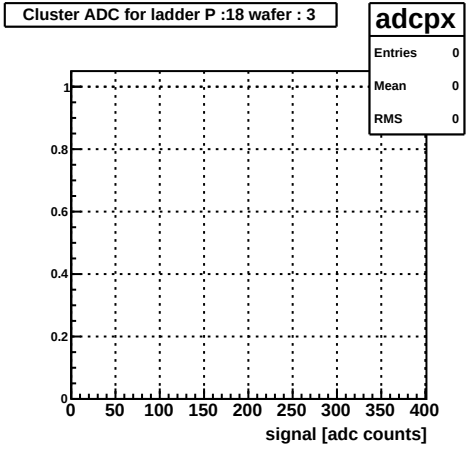

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

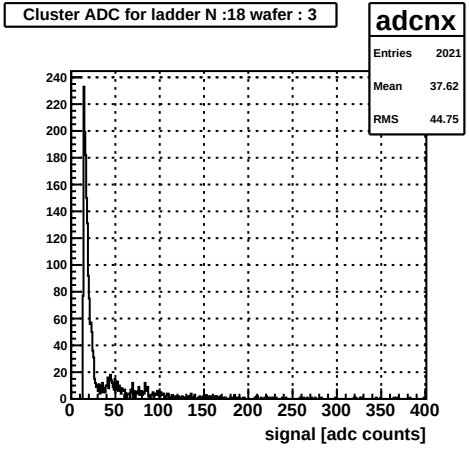

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1968
Mean 51.21
RMS 48.97
signal [adc counts]

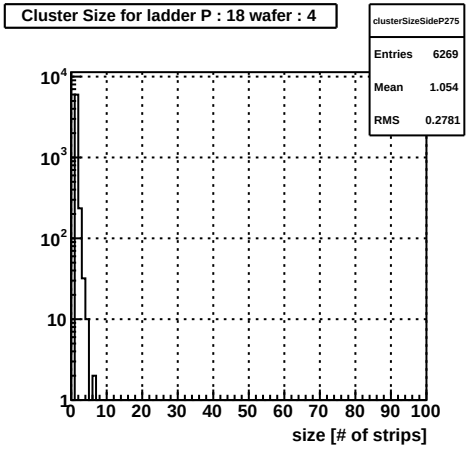

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

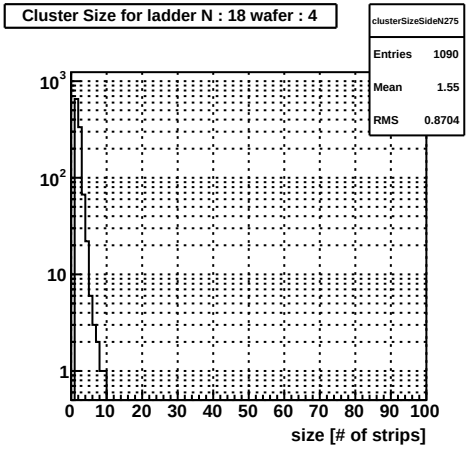

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2021
Mean 1.285
RMS 0.6523
size [# of strips]

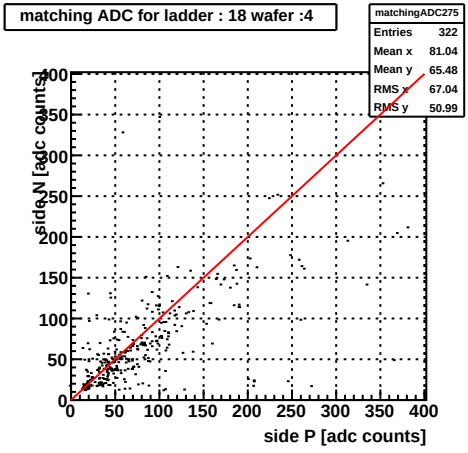

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

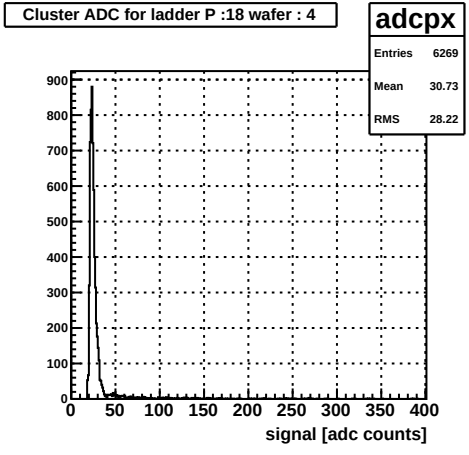

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

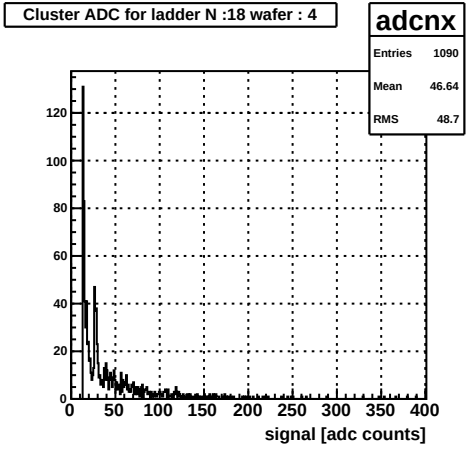

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2021
Mean 37.62
RMS 44.75
signal [adc counts]

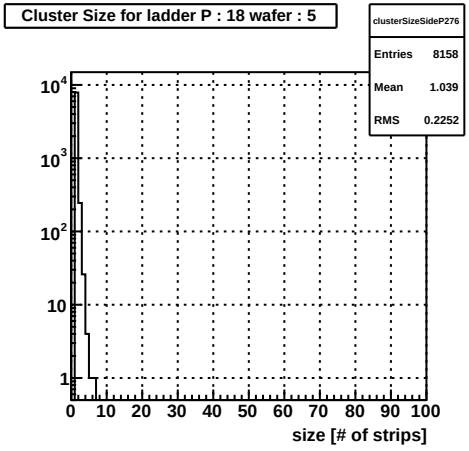

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6269
Mean 1.054
RMS 0.2781
size [# of strips]

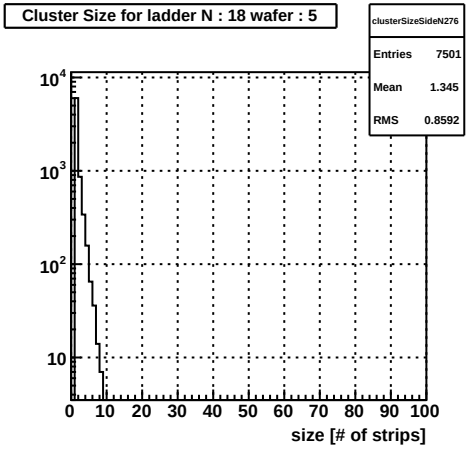

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1090
Mean 1.55
RMS 0.8704
size [# of strips]

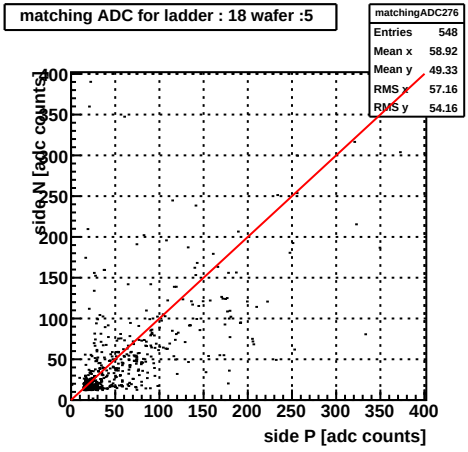

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 322
Mean x 81.04
Mean y 65.48
RMS x 67.04
RMS y 50.99
side N [adc counts]
side P [adc counts]

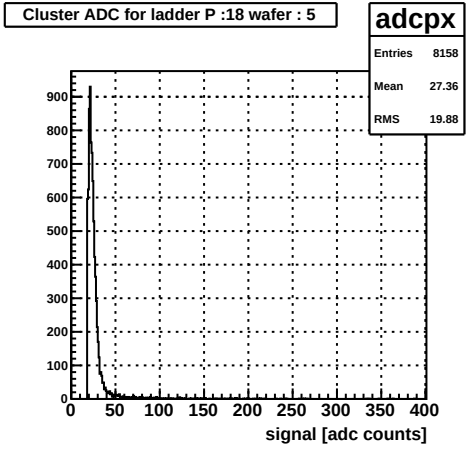

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6269
Mean 30.73
RMS 28.22
signal [adc counts]

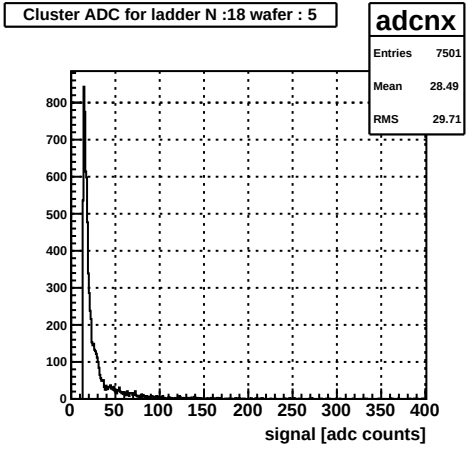

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1090
Mean 46.64
RMS 48.7
signal [adc counts]

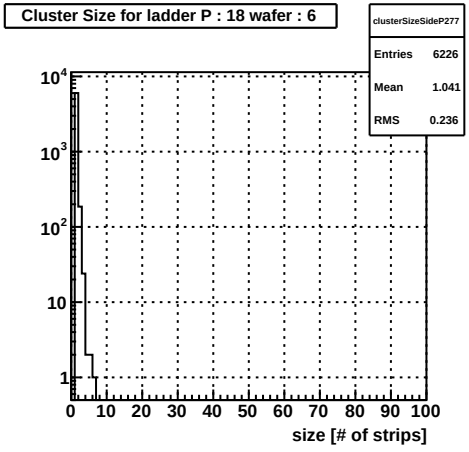

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 8158
Mean 1.039
RMS 0.2252
size [# of strips]

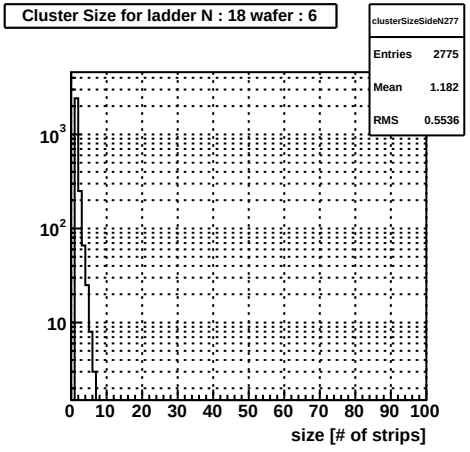

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7501
Mean 1.345
RMS 0.8592
size [# of strips]

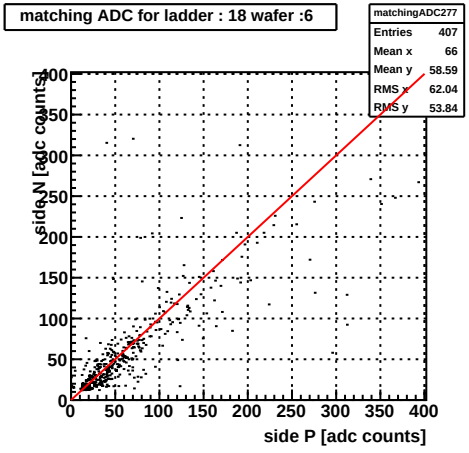

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 548
Mean x 58.92
Mean y 49.33
RMS x 57.16
RMS y 54.16
side N [adc counts]
side P [adc counts]

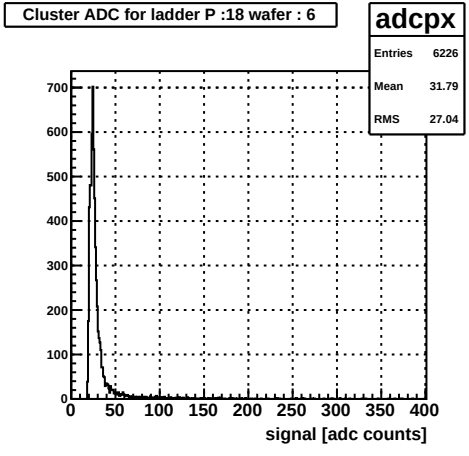

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 8158
Mean 27.36
RMS 19.88
signal [adc counts]

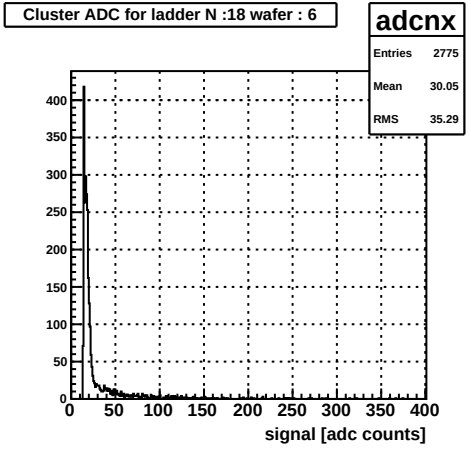

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7501
Mean 28.49
RMS 29.71
signal [adc counts]

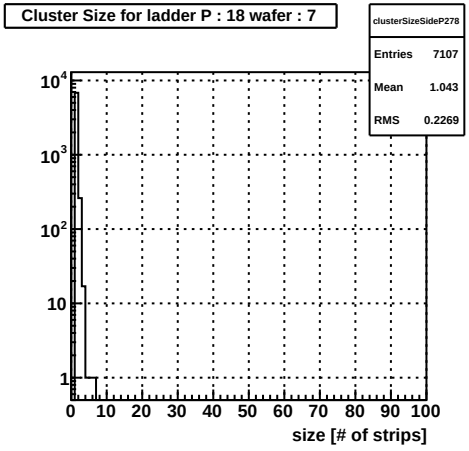

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 6226
Mean 1.041
RMS 0.236
size [# of strips]

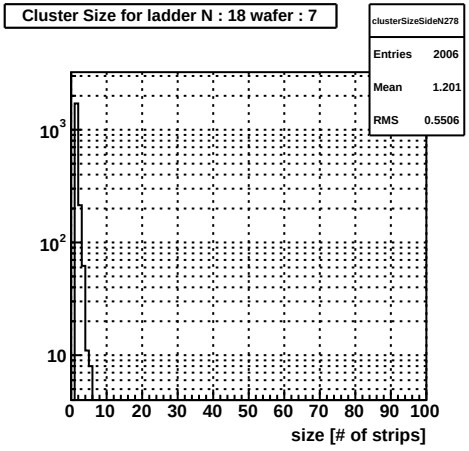

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2775
Mean 1.182
RMS 0.5536
size [# of strips]

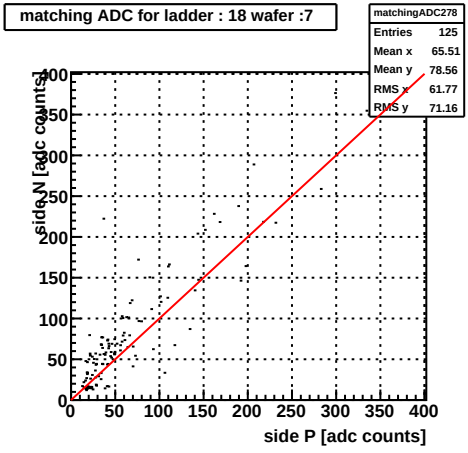

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 407
Mean x 66
Mean y 58.59
RMS x 62.04
RMS y 53.84
side N [adc counts]
side P [adc counts]

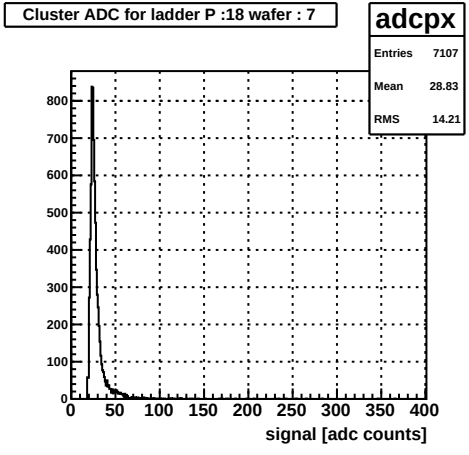

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 6226
Mean 31.79
RMS 27.04
signal [adc counts]

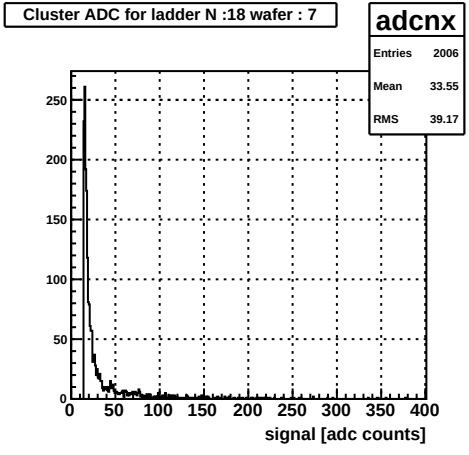

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2775
Mean 30.05
RMS 35.29
signal [adc counts]

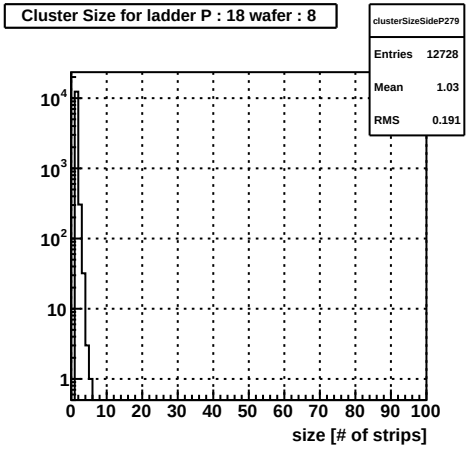

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7107
Mean 1.043
RMS 0.2269
size [# of strips]

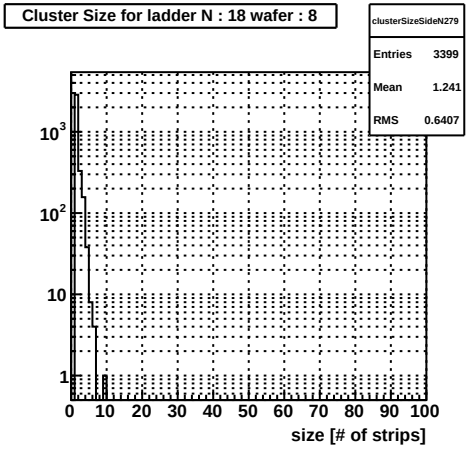

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2006
Mean 1.201
RMS 0.5506
size [# of strips]

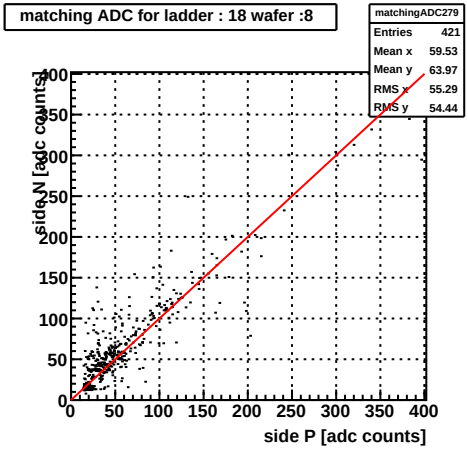

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 125
Mean x 65.51
Mean y 78.56
RMS x 61.77
RMS y 71.16
side N [adc counts]
side P [adc counts]

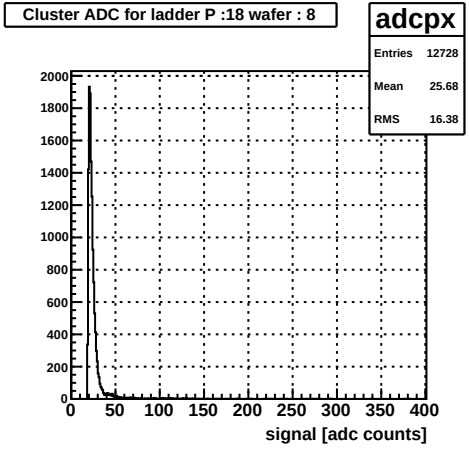

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7107
Mean 28.83
RMS 14.21
signal [adc counts]

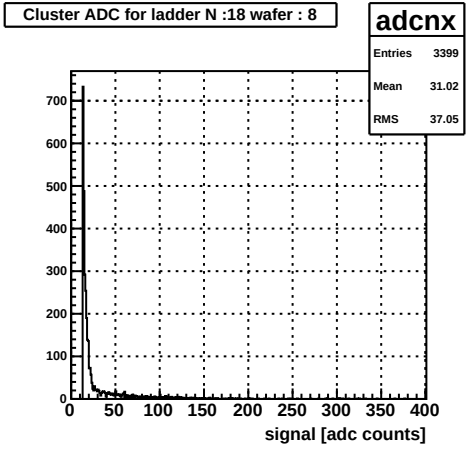

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2006
Mean 33.55
RMS 39.17
signal [adc counts]

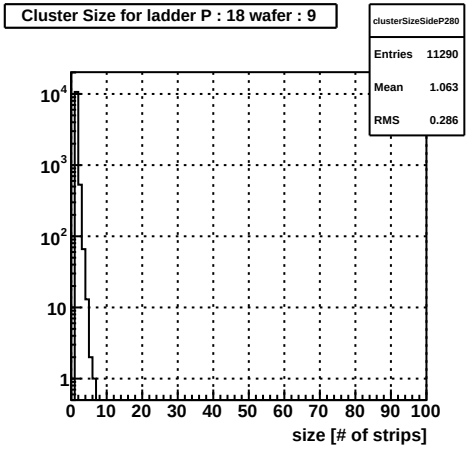

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 12728
Mean 1.03
RMS 0.191
size [# of strips]

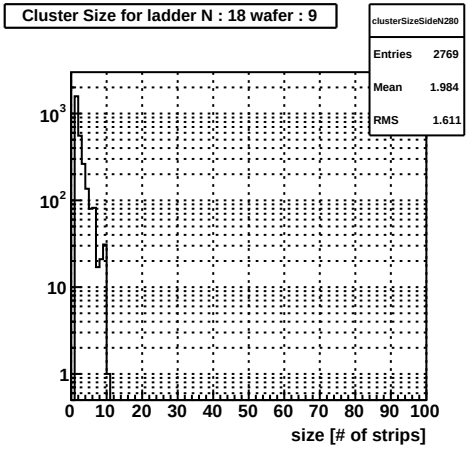

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3399
Mean 1.241
RMS 0.6407
size [# of strips]

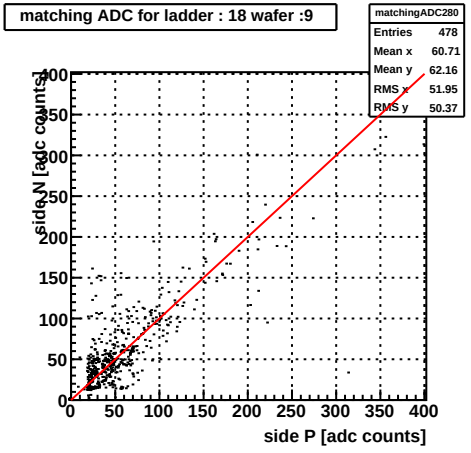

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 421
Mean x 59.53
Mean y 63.97
RMS x 55.29
RMS y 54.44
side N [adc counts]
side P [adc counts]

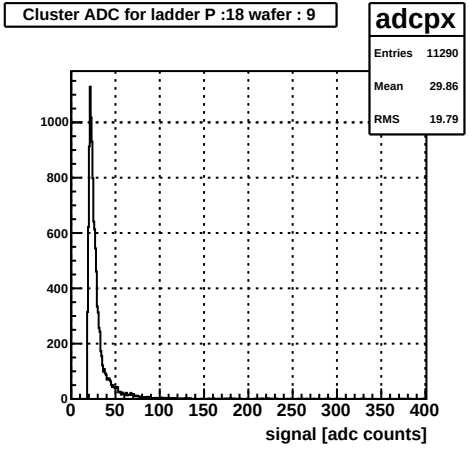

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 12728
Mean 25.68
RMS 16.38
signal [adc counts]

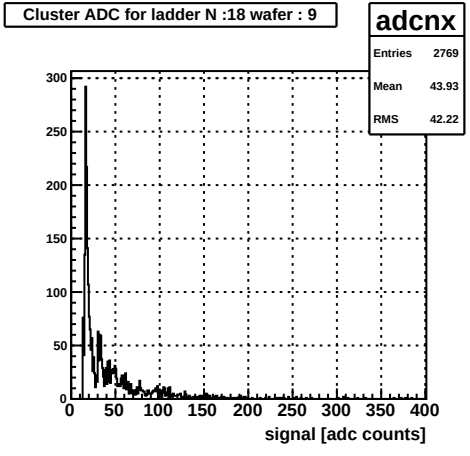

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3399
Mean 31.02
RMS 37.05
signal [adc counts]

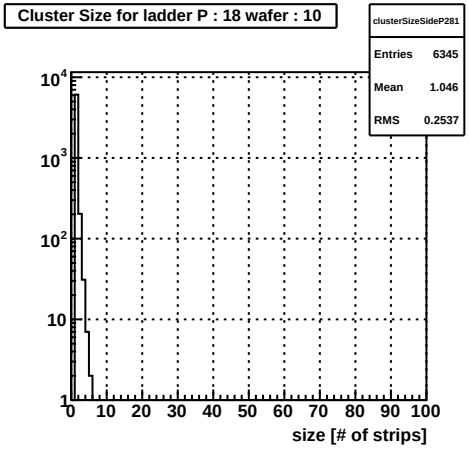

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11290
Mean 1.063
RMS 0.286
size [# of strips]

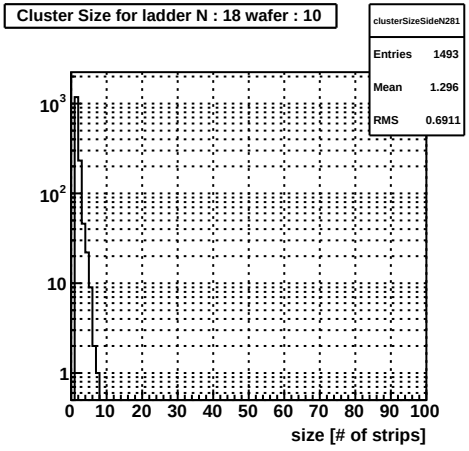

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2769
Mean 1.984
RMS 1.611
size [# of strips]

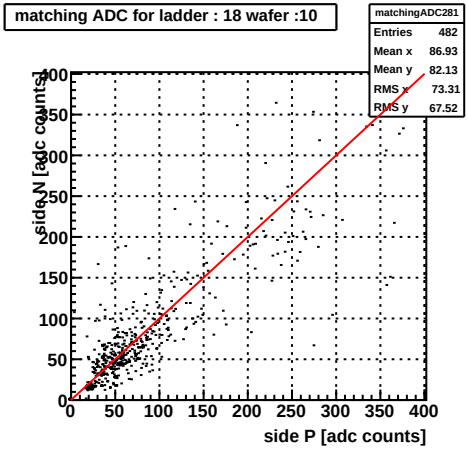

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 478
Mean x 60.71
Mean y 62.16
RMS x 51.95
RMS y 50.37
side N [adc counts]
side P [adc counts]

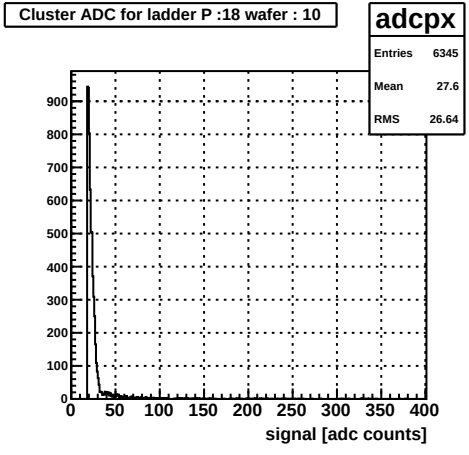

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11290
Mean 29.86
RMS 19.79
signal [adc counts]

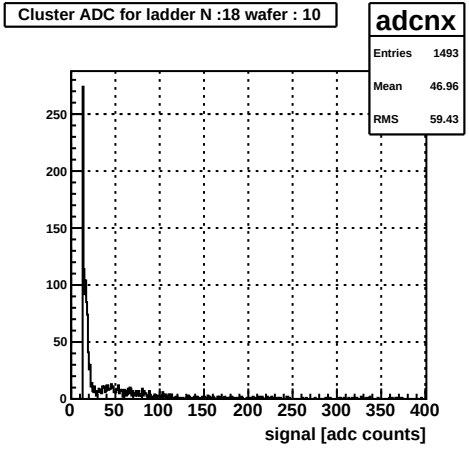

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2769
Mean 43.93
RMS 42.22
signal [adc counts]

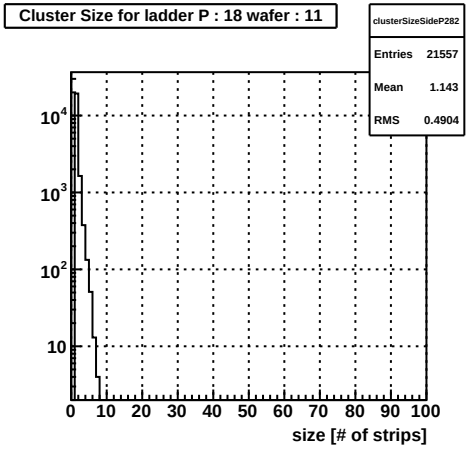

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6345
Mean 1.046
RMS 0.2537
size [# of strips]

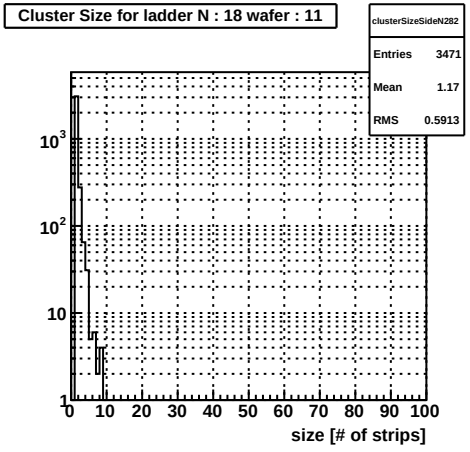

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1493
Mean 1.296
RMS 0.6911
size [# of strips]

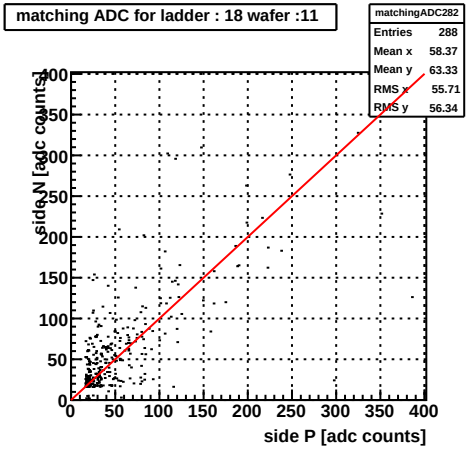

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 482
Mean x 86.93
Mean y 82.13
RMS x 73.31
RMS y 67.52
side N [adc counts]
side P [adc counts]

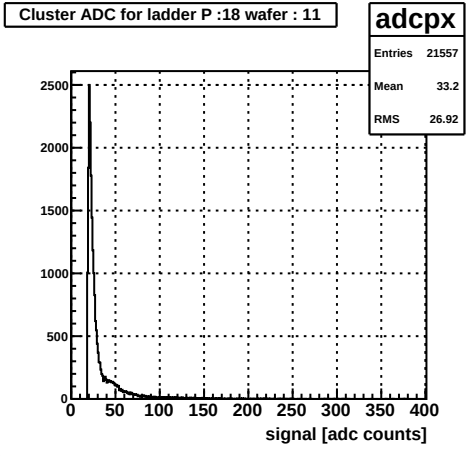

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6345
Mean 27.6
RMS 26.64
signal [adc counts]

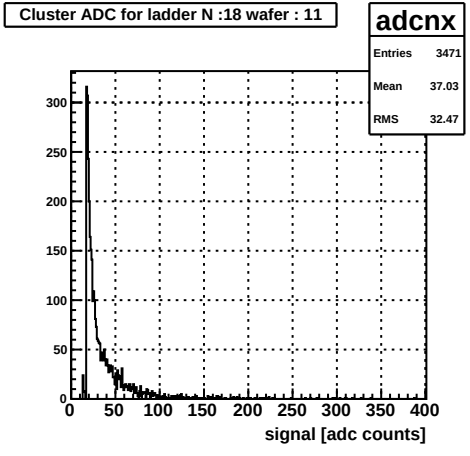

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1493
Mean 46.96
RMS 59.43
signal [adc counts]

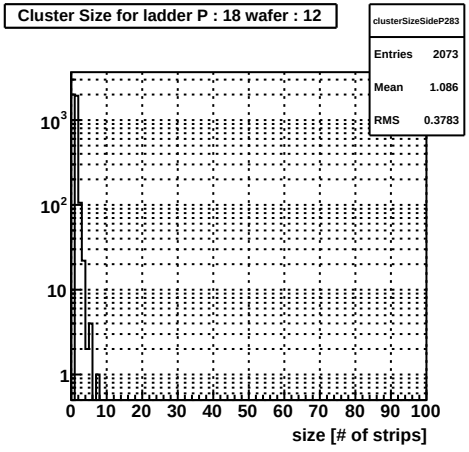

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 21557
Mean 1.143
RMS 0.4904
size [# of strips]

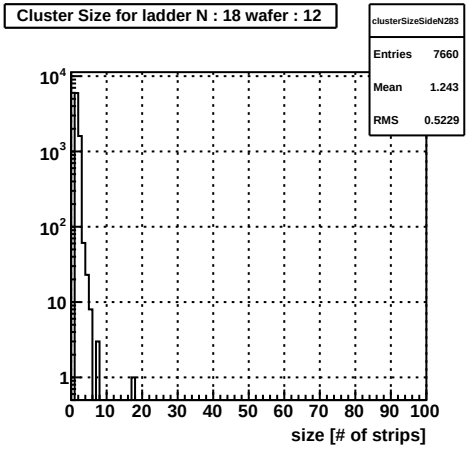

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3471
Mean 1.17
RMS 0.5913
size [# of strips]

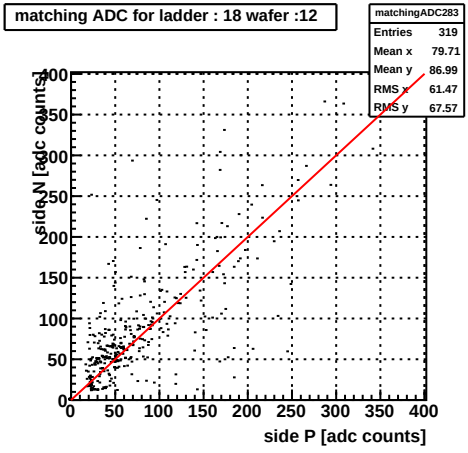

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 288
Mean x 58.37
Mean y 63.33
RMS x 55.71
RMS y 56.34
side N [adc counts]
side P [adc counts]

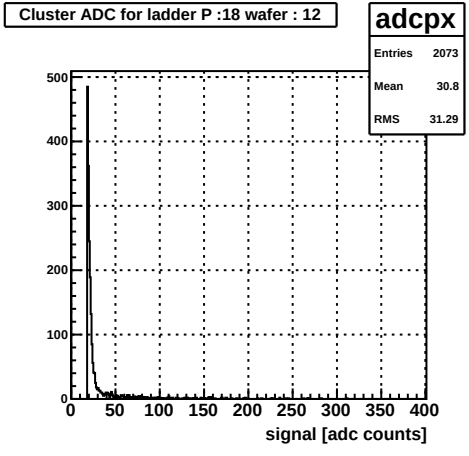

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 21557
Mean 33.2
RMS 26.92
signal [adc counts]

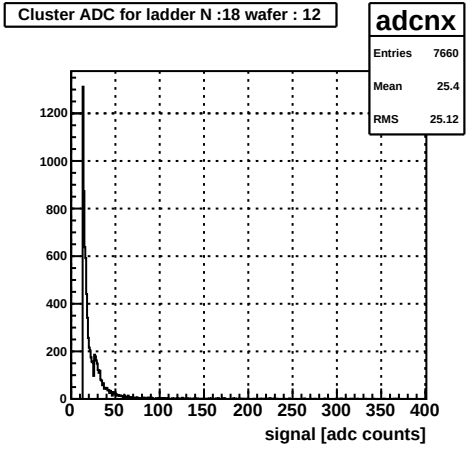

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3471
Mean 37.03
RMS 32.47
signal [adc counts]

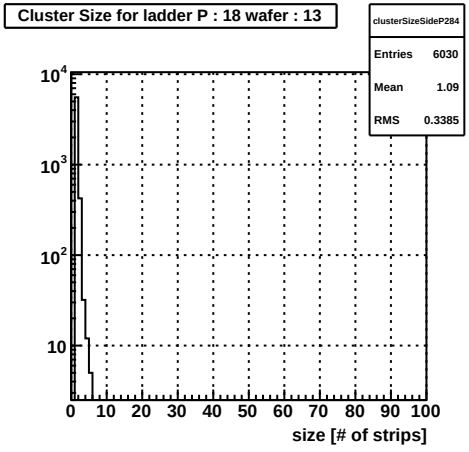

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2073
Mean 1.086
RMS 0.3783
size [# of strips]

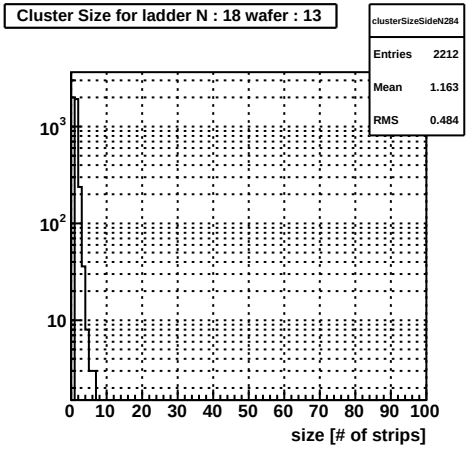

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7660
Mean 1.243
RMS 0.5229
size [# of strips]

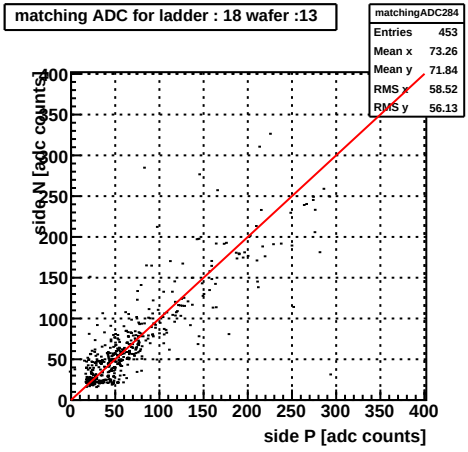

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 319
Mean x 79.71
Mean y 86.99
RMS x 61.47
RMS y 67.57
side N [adc counts]
side P [adc counts]

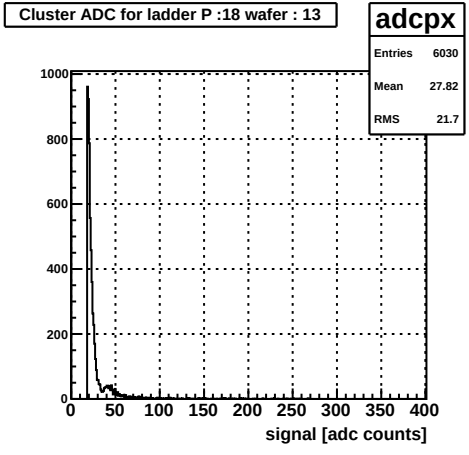

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2073
Mean 30.8
RMS 31.29
signal [adc counts]

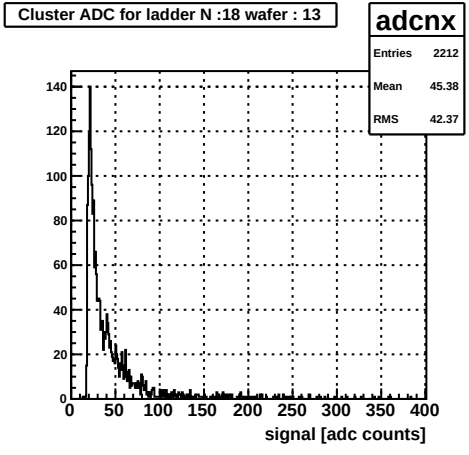

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7660
Mean 25.4
RMS 25.12
signal [adc counts]

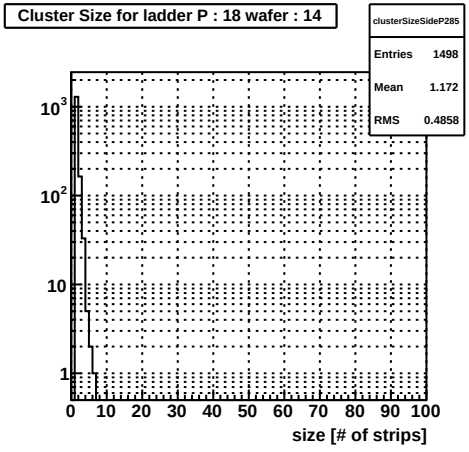

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6030
Mean 1.09
RMS 0.3385
size [# of strips]

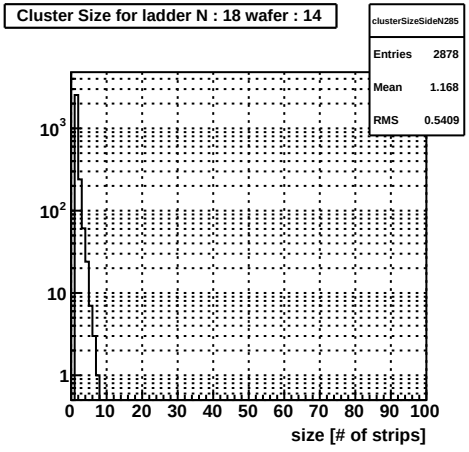

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2212
Mean 1.163
RMS 0.484
size [# of strips]

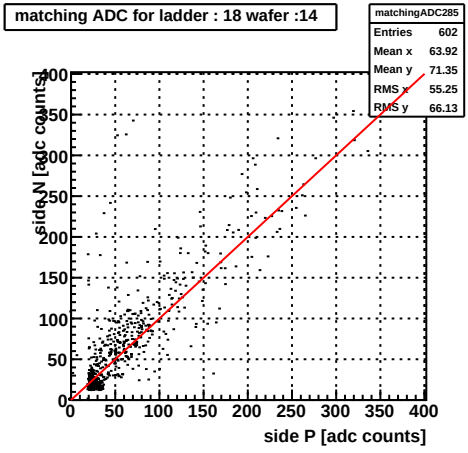

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 453
Mean x 73.26
Mean y 71.84
RMS x 58.52
RMS y 56.13
side N [adc counts]
side P [adc counts]

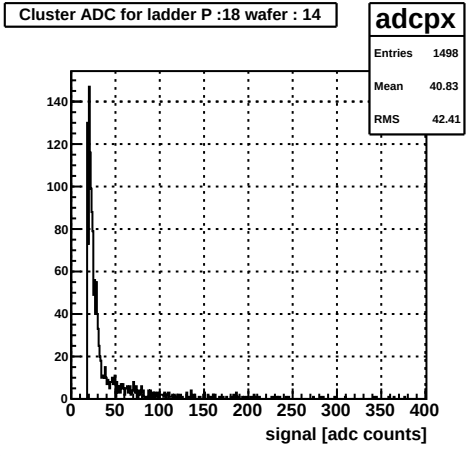

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6030
Mean 27.82
RMS 21.7
signal [adc counts]

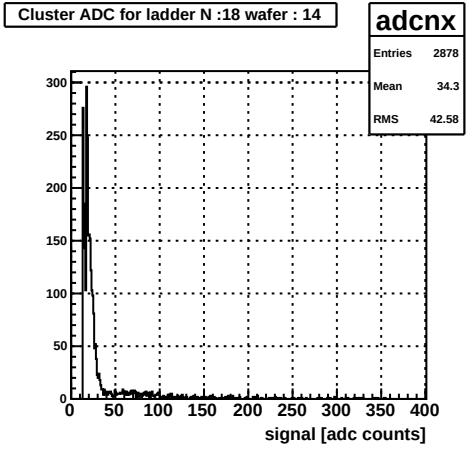

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2212
Mean 45.38
RMS 42.37
signal [adc counts]

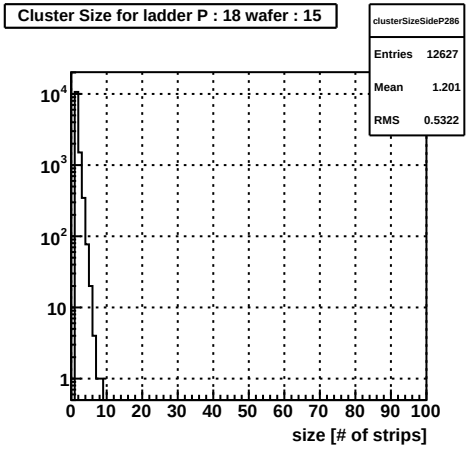

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1498
Mean 1.172
RMS 0.4858
size [# of strips]

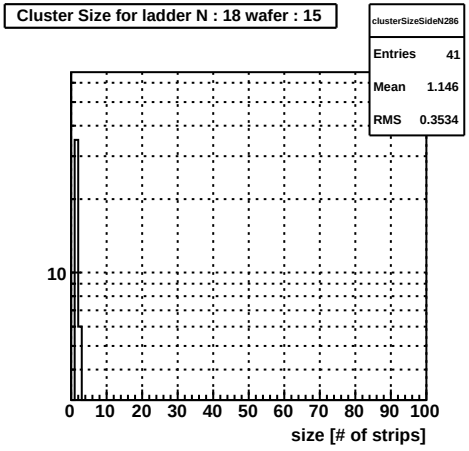

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2878
Mean 1.168
RMS 0.5409
size [# of strips]

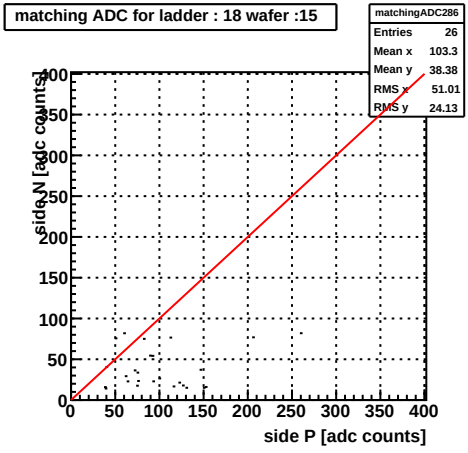

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 602
Mean x 63.92
Mean y 71.35
RMS x 55.25
RMS y 66.13
side N [adc counts]
side P [adc counts]

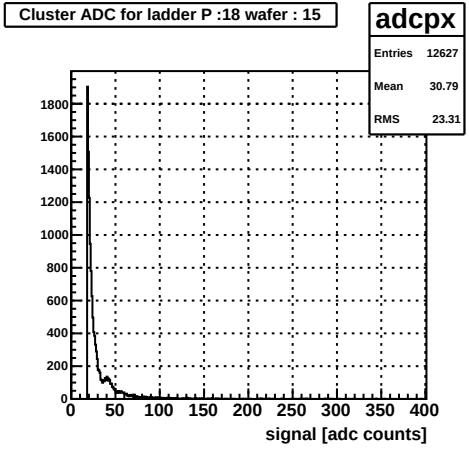

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1498
Mean 40.83
RMS 42.41
signal [adc counts]

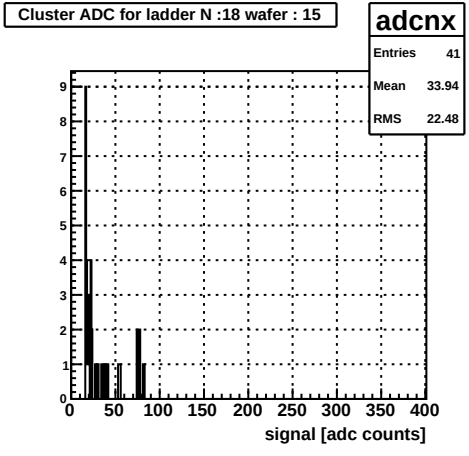

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2878
Mean 34.3
RMS 42.58
signal [adc counts]

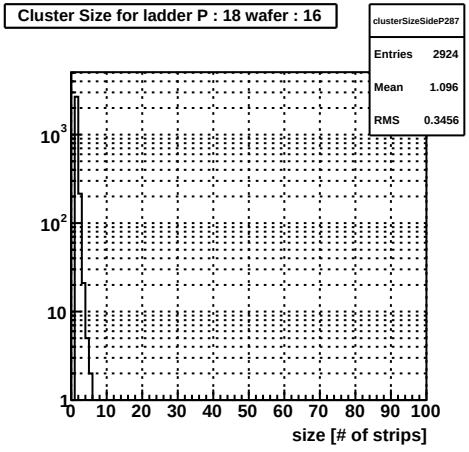

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12627
Mean 1.201
RMS 0.5322
size [# of strips]

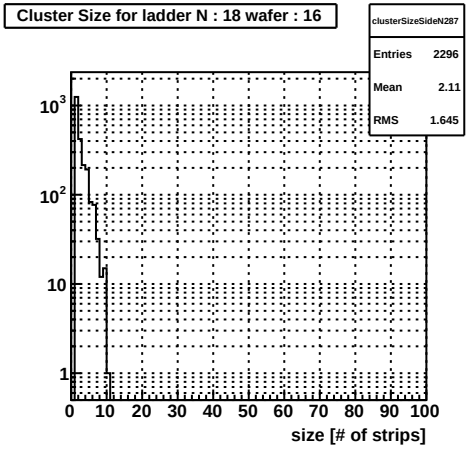

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 41
Mean 1.146
RMS 0.3534
size [# of strips]

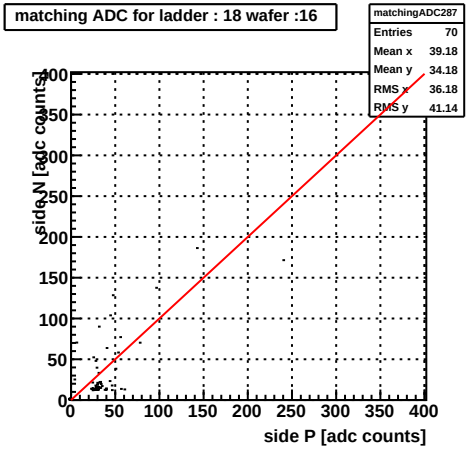

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 26
Mean x 103.3
Mean y 38.38
RMS x 51.01
RMS y 24.13
side N [adc counts]
side P [adc counts]

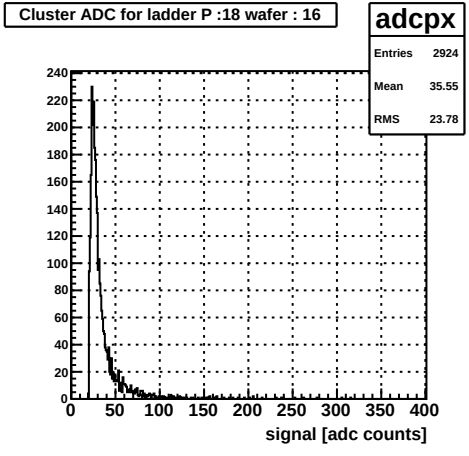

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12627
Mean 30.79
RMS 23.31
signal [adc counts]

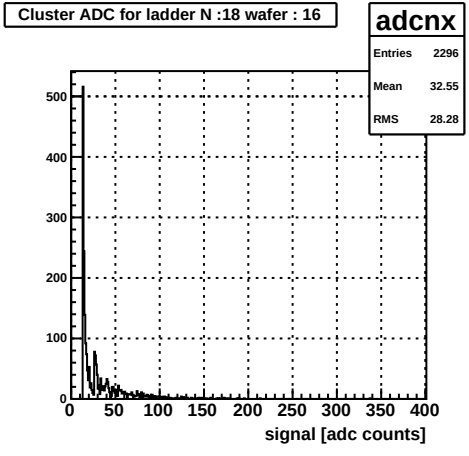

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 41
Mean 33.94
RMS 22.48
signal [adc counts]

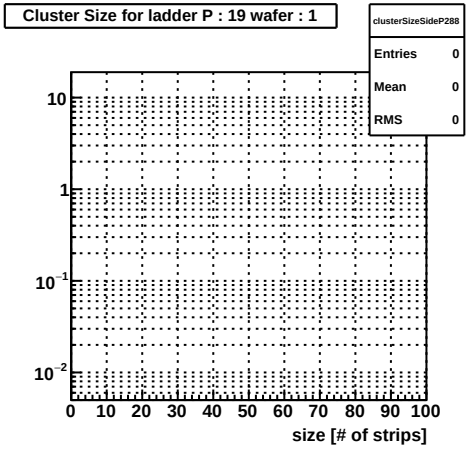

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2924
Mean 1.096
RMS 0.3456
size [# of strips]

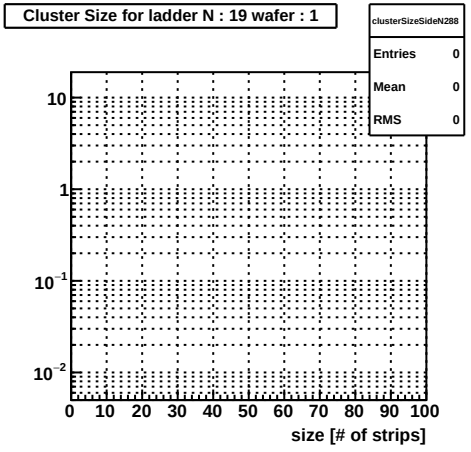

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2296
Mean 2.11
RMS 1.645
size [# of strips]

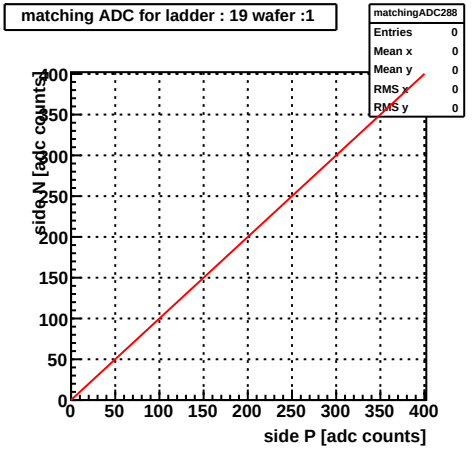

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 70
Mean x 39.18
Mean y 34.18
RMS x 36.18
RMS y 41.14
side N [adc counts]
side P [adc counts]

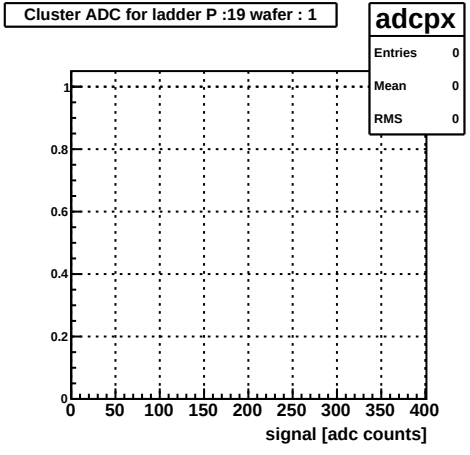

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2924
Mean 35.55
RMS 23.78
signal [adc counts]

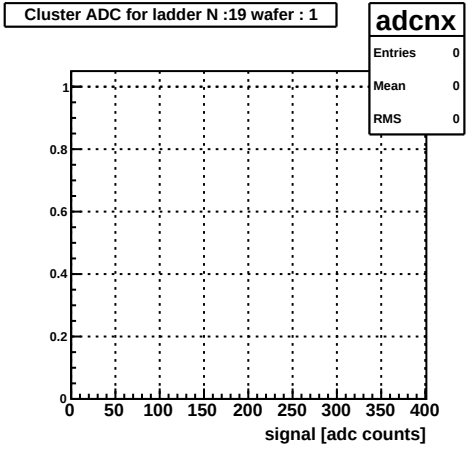

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2296
Mean 32.55
RMS 28.28
signal [adc counts]

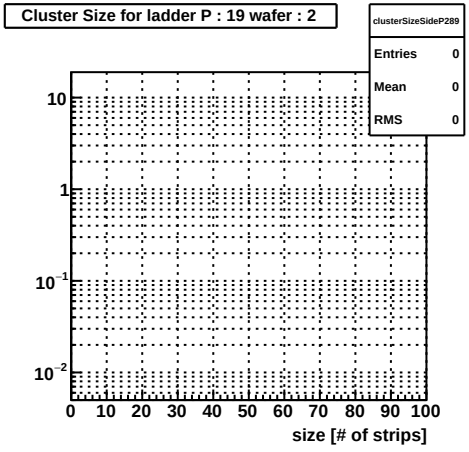

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

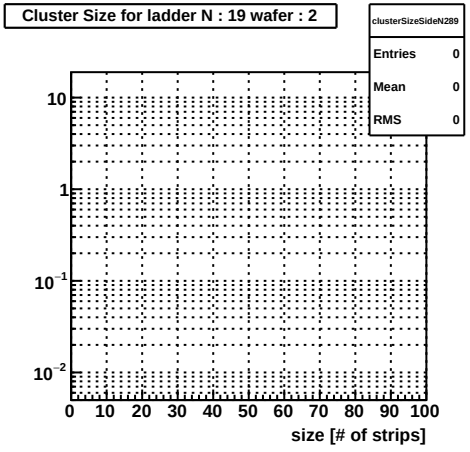

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

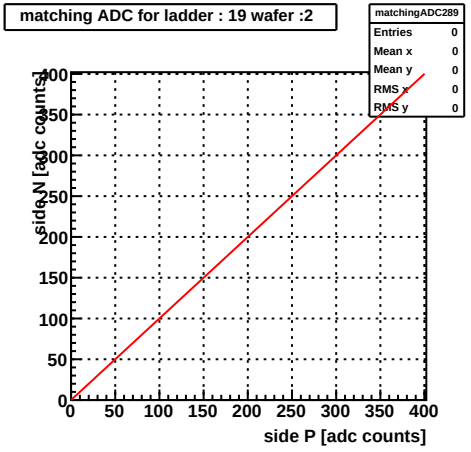

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

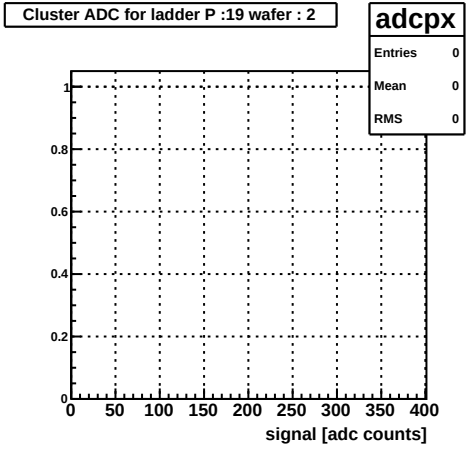

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

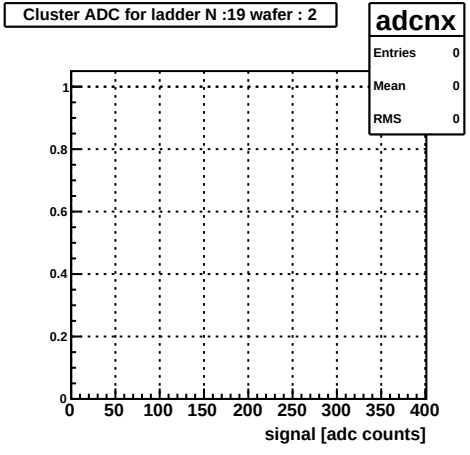

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

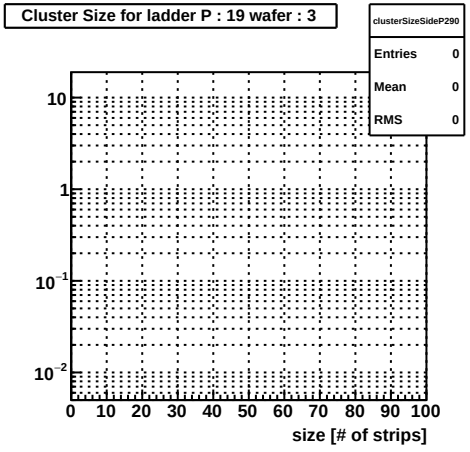

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

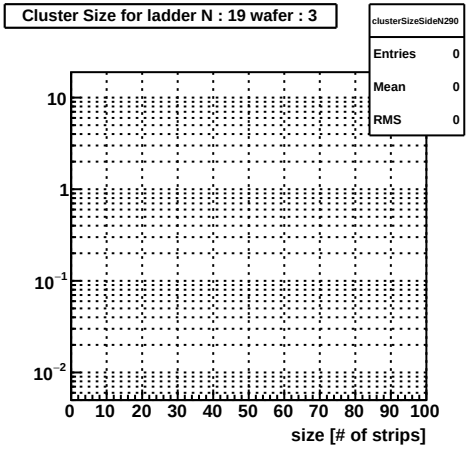

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

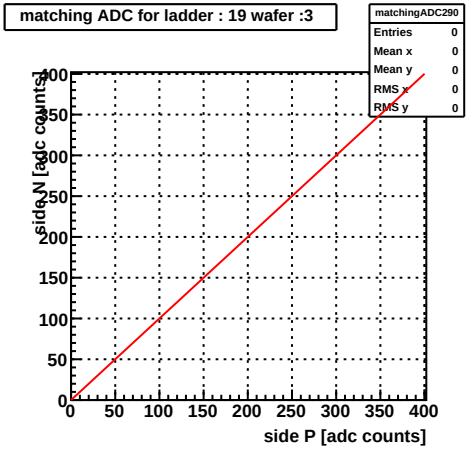

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

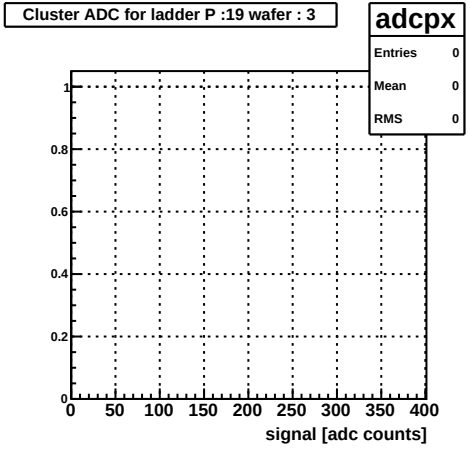

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

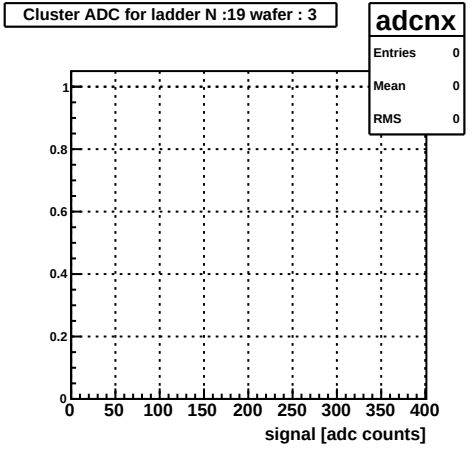

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

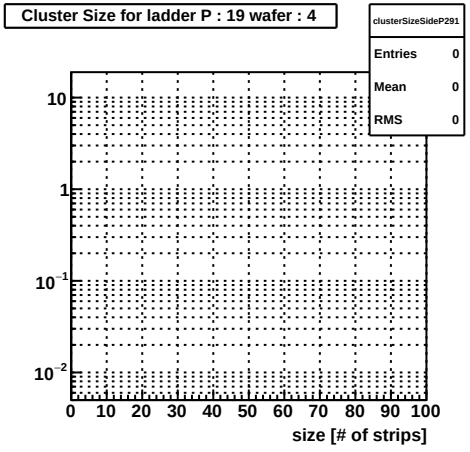

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

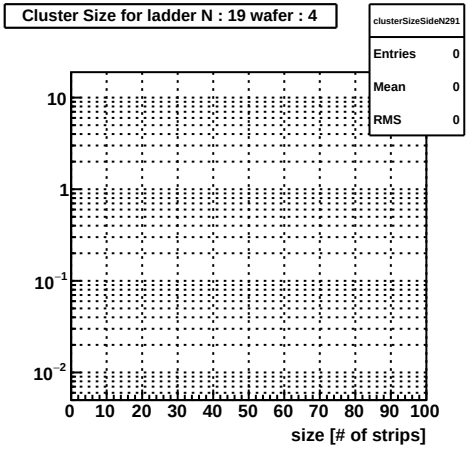

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

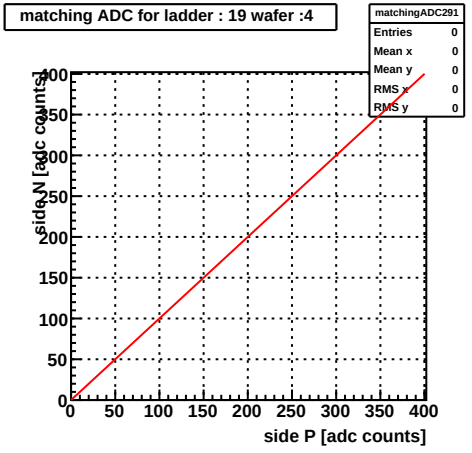

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

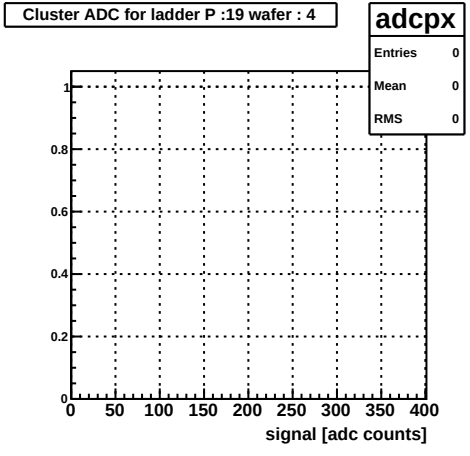

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

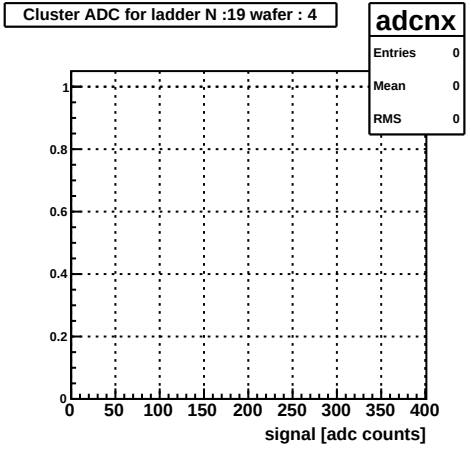

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

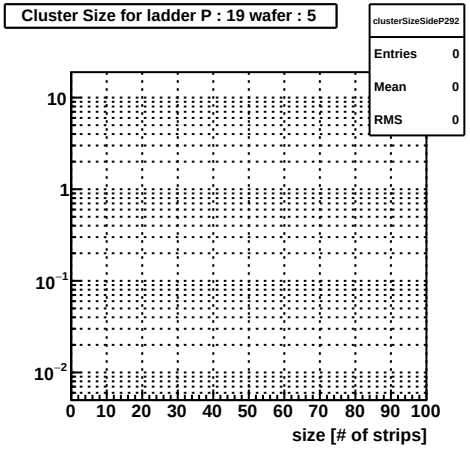

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

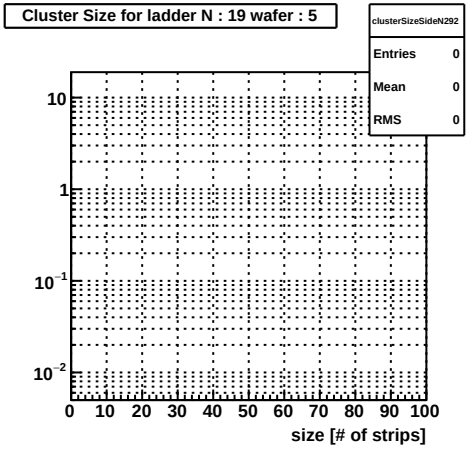

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

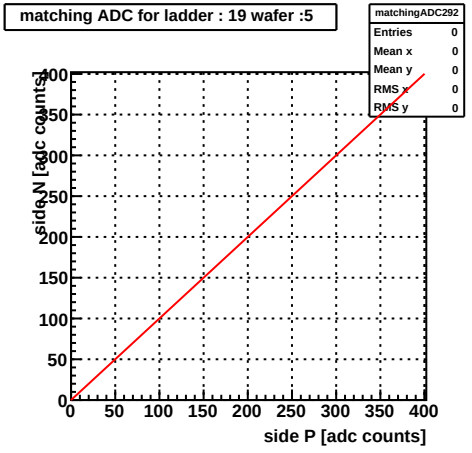

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

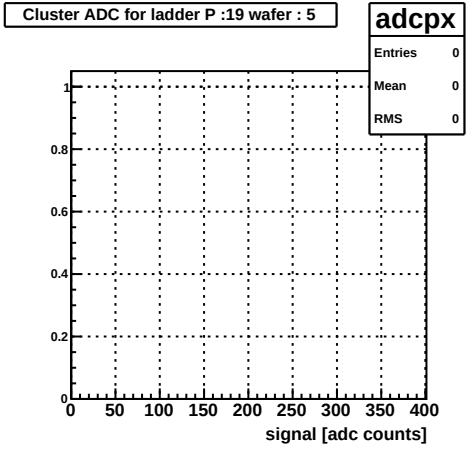

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

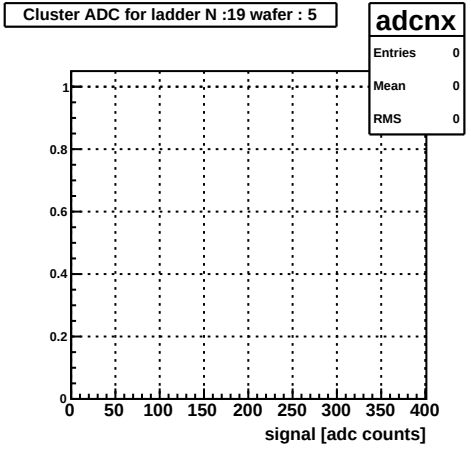

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

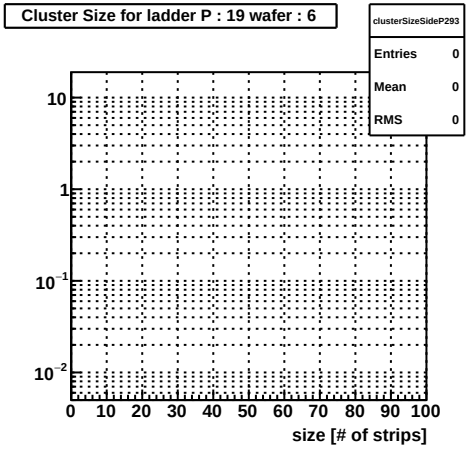

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

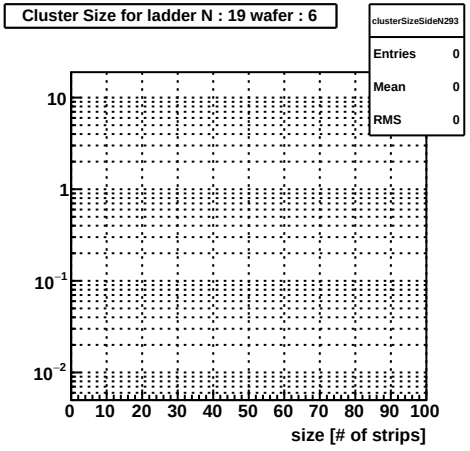

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

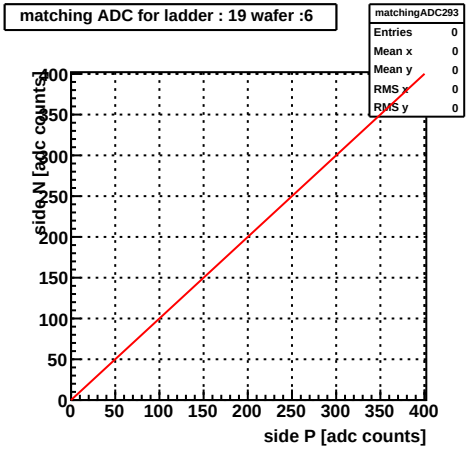

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

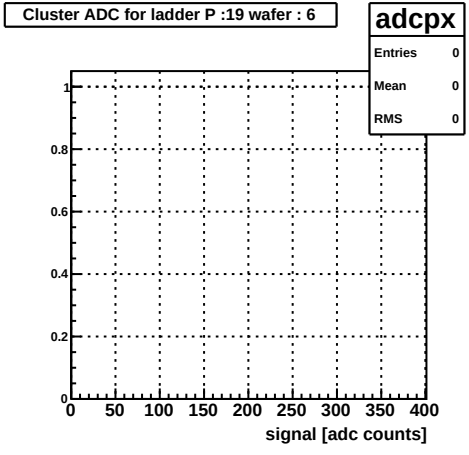

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

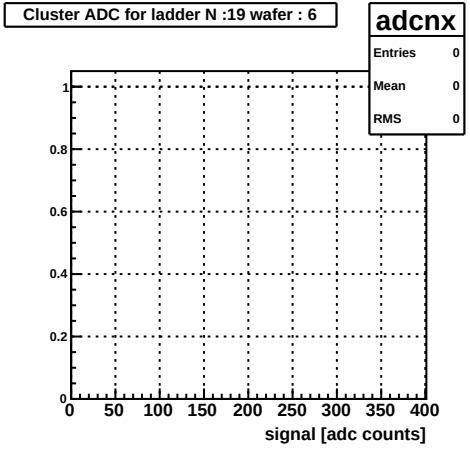

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

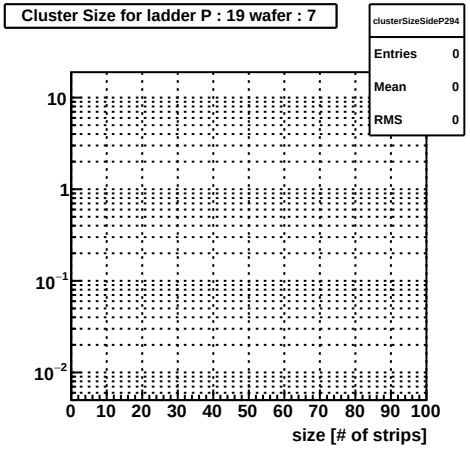

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

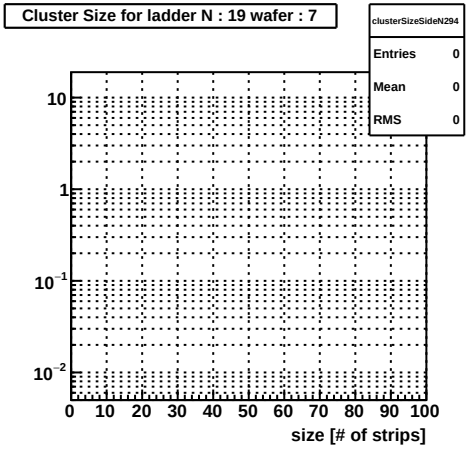

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

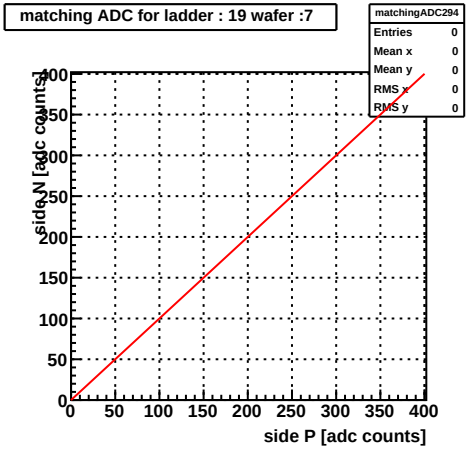

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

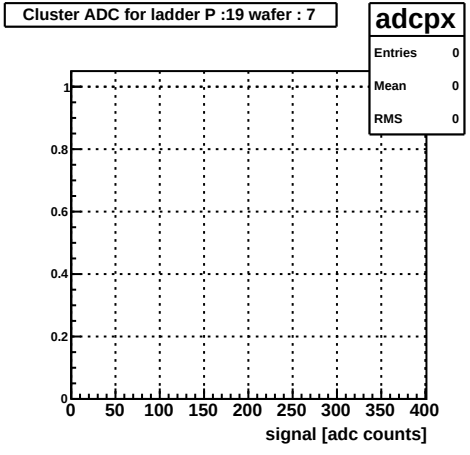

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

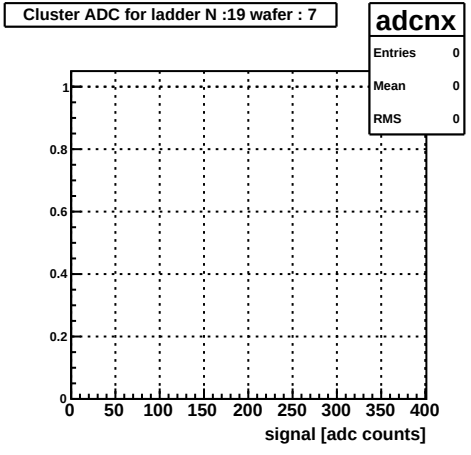

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

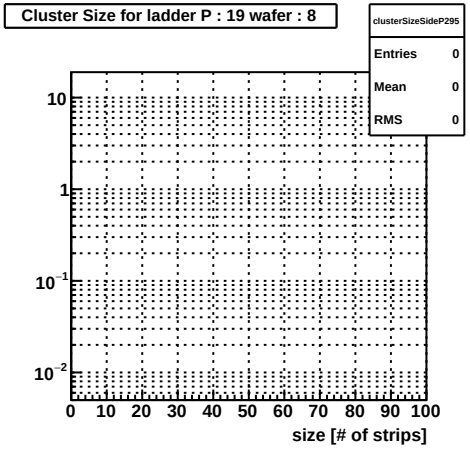

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

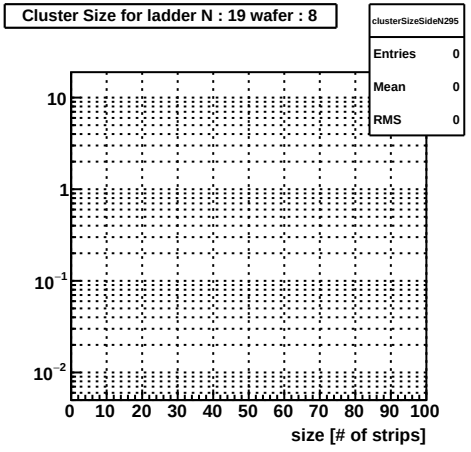

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

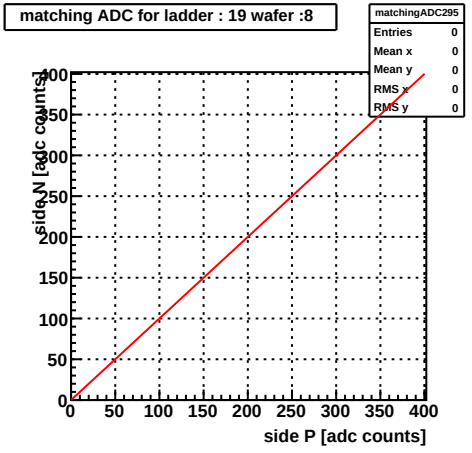

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

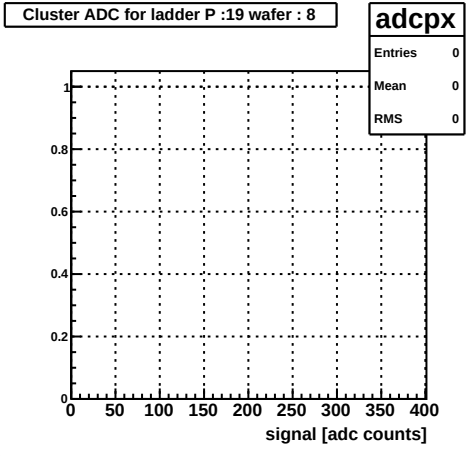

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

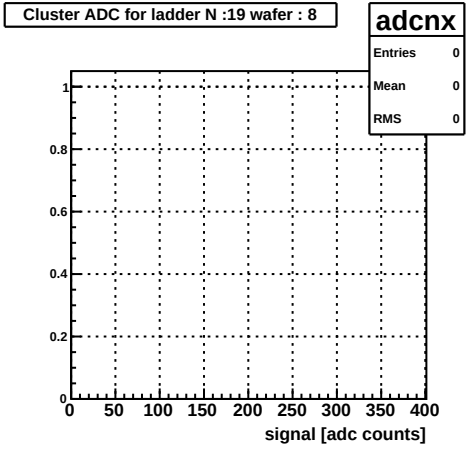

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

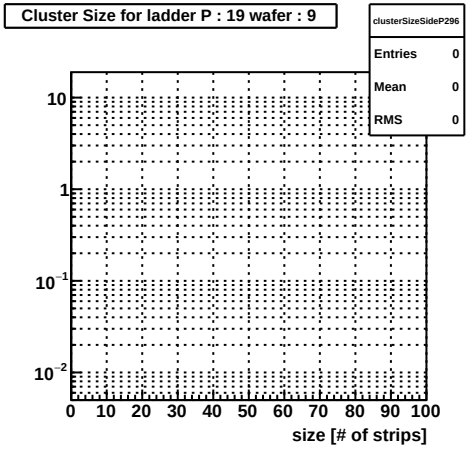

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

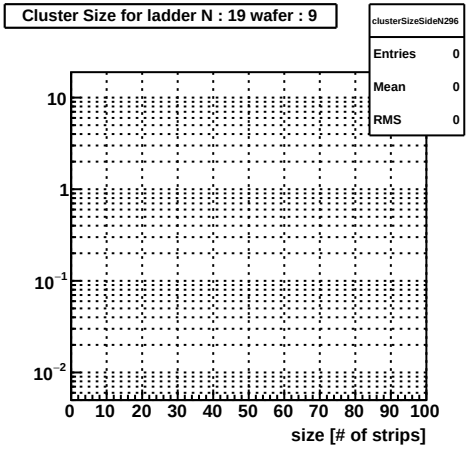

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

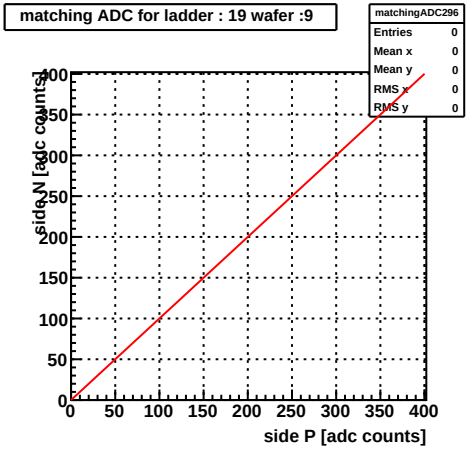

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

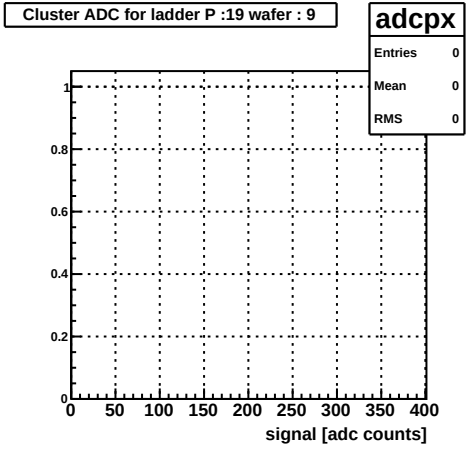

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

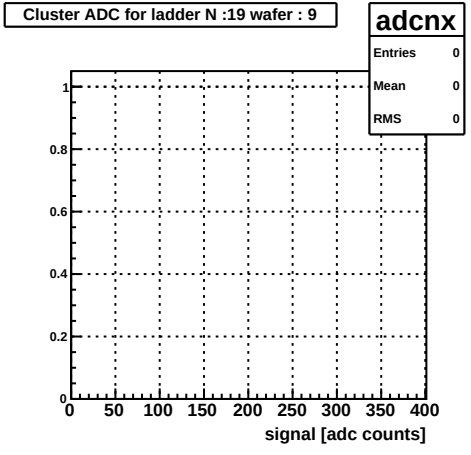

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

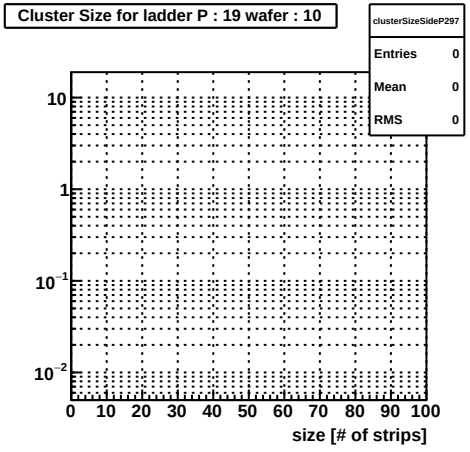

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

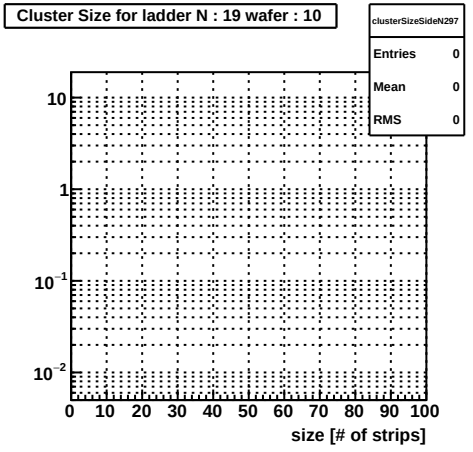

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

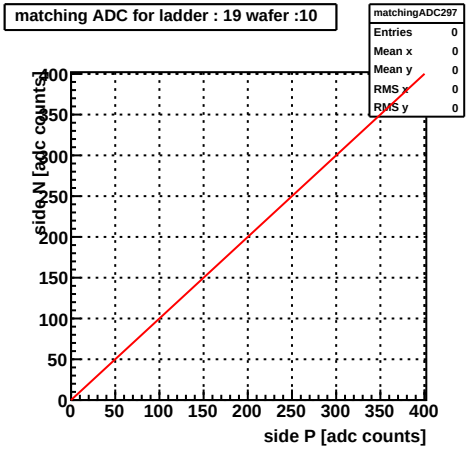

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

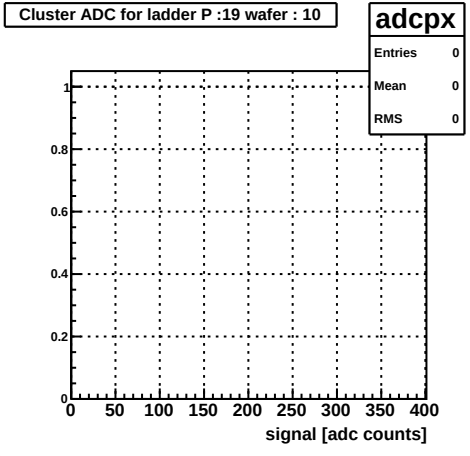

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

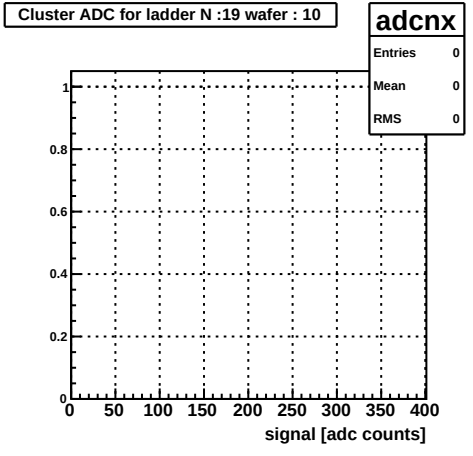

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

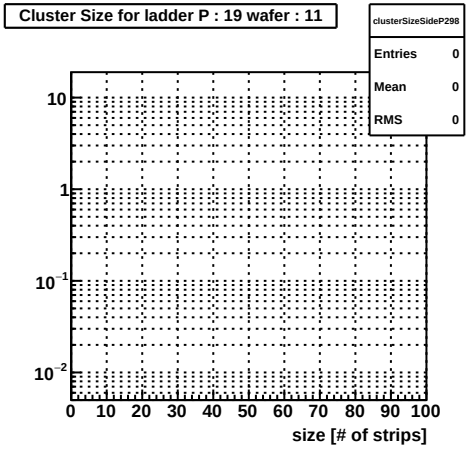

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

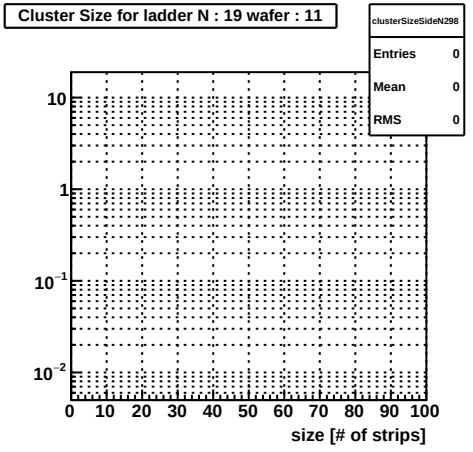

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

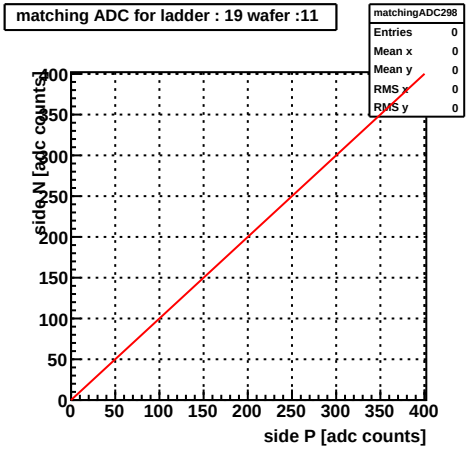

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

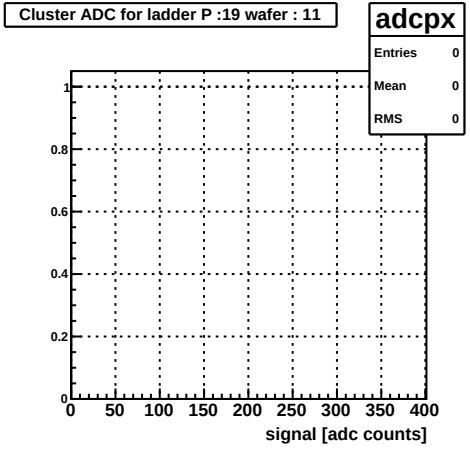

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

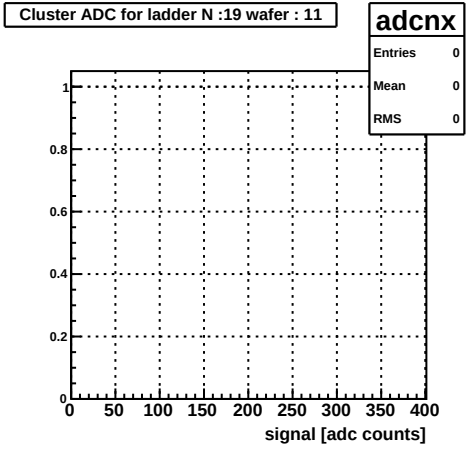

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

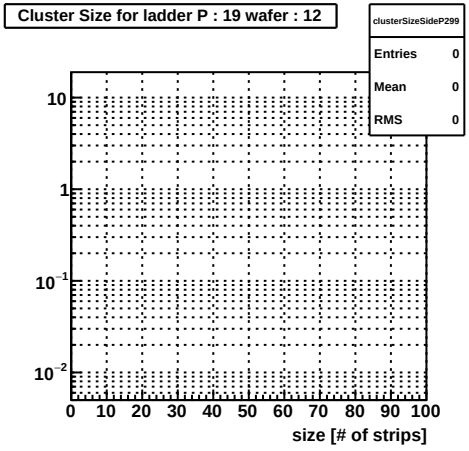

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

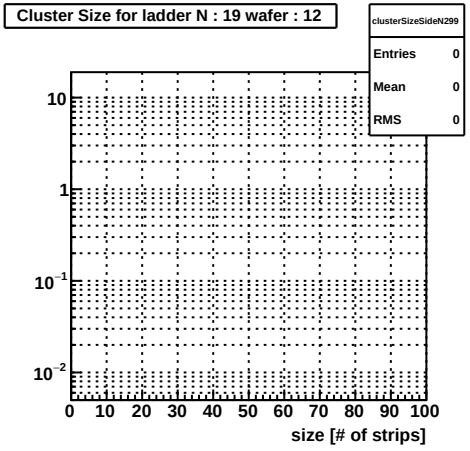

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

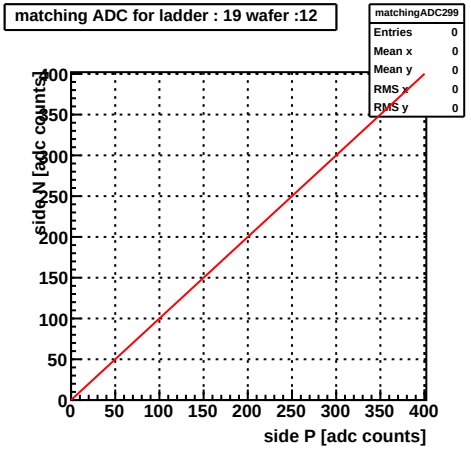

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

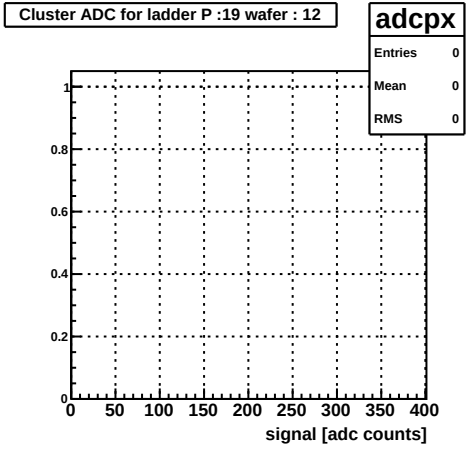

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

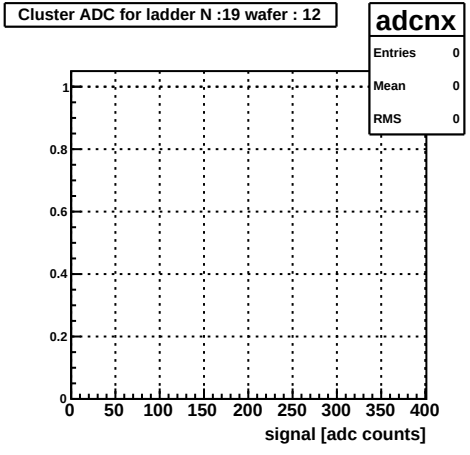

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

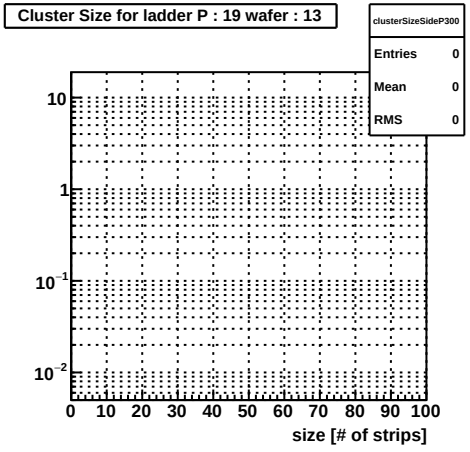

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

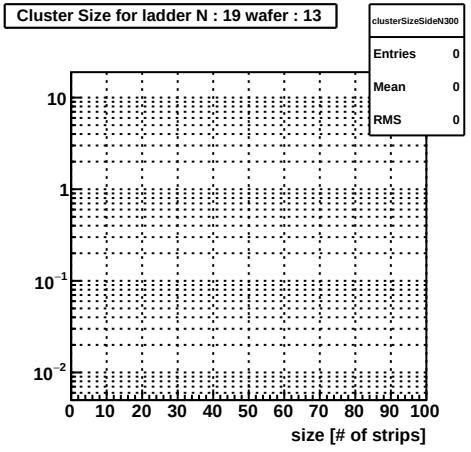

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

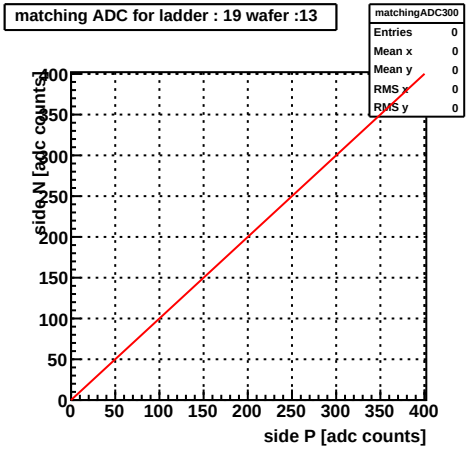

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

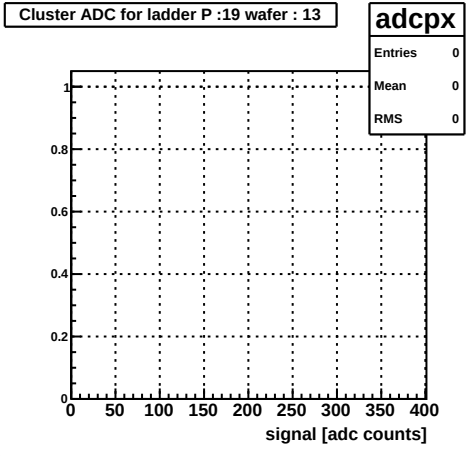

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

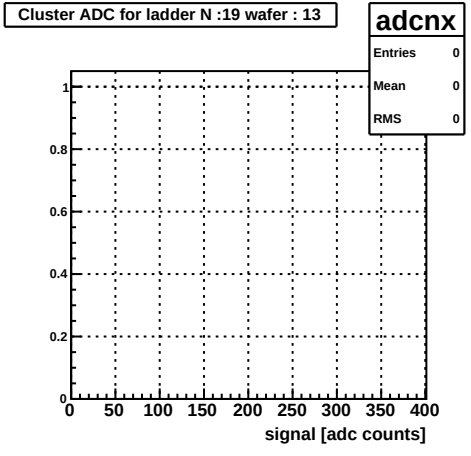

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

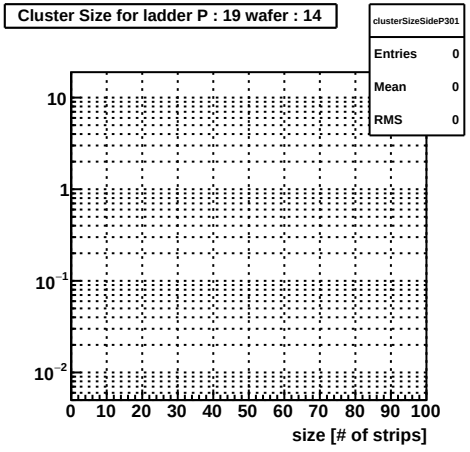

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

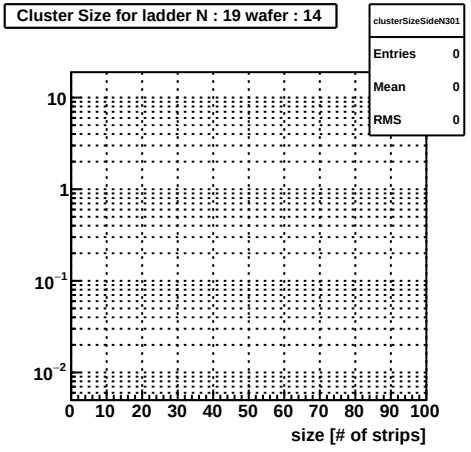

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

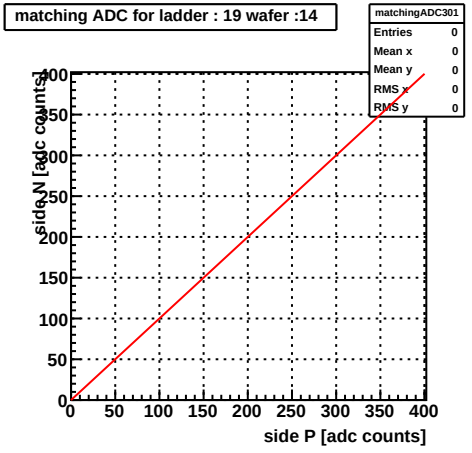

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

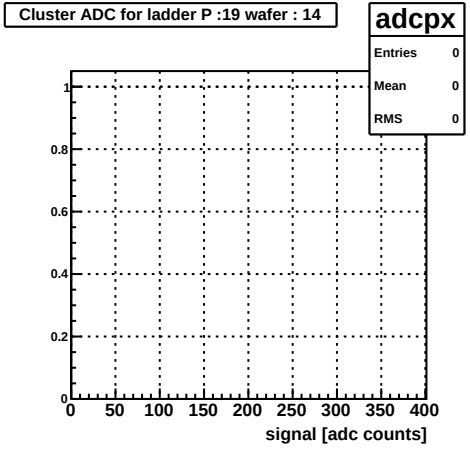

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

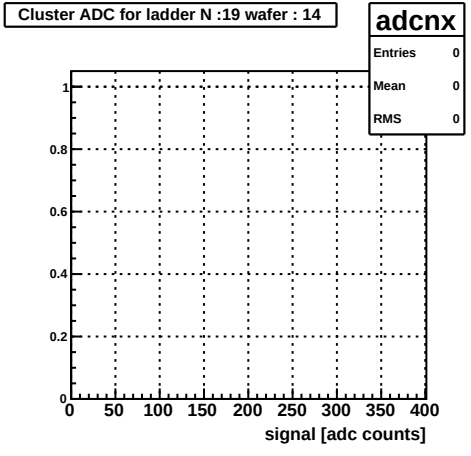

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

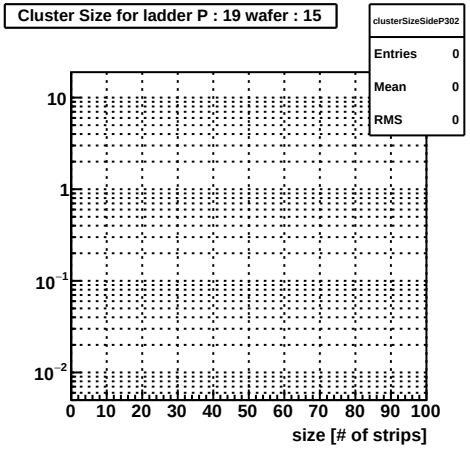

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

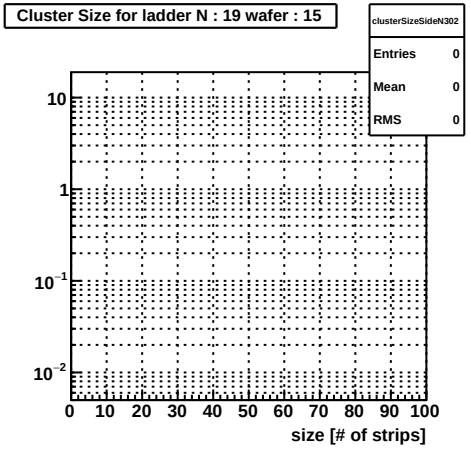

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

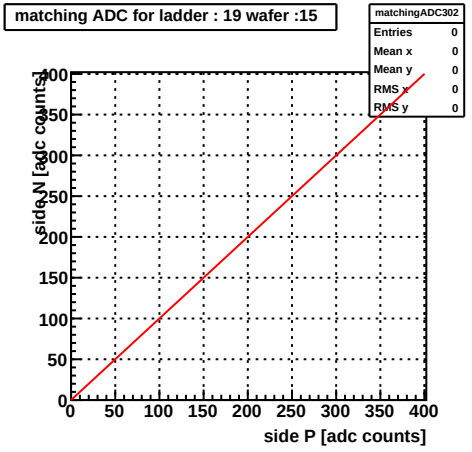

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

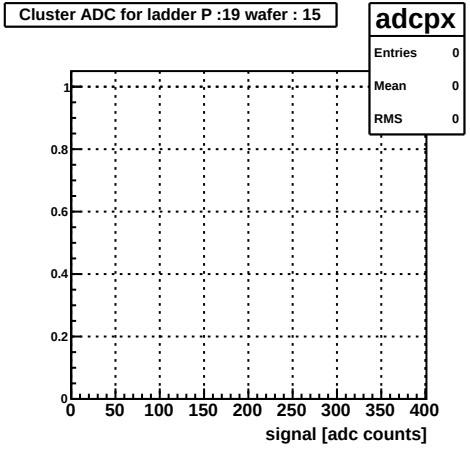

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

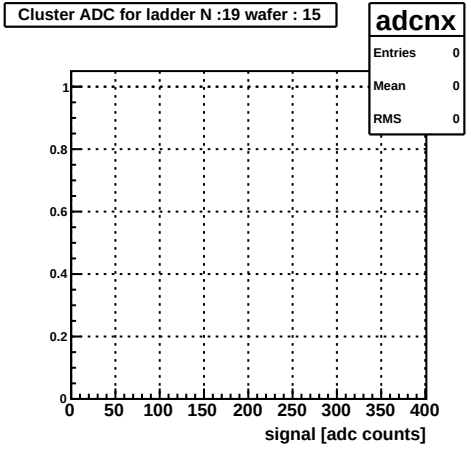

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

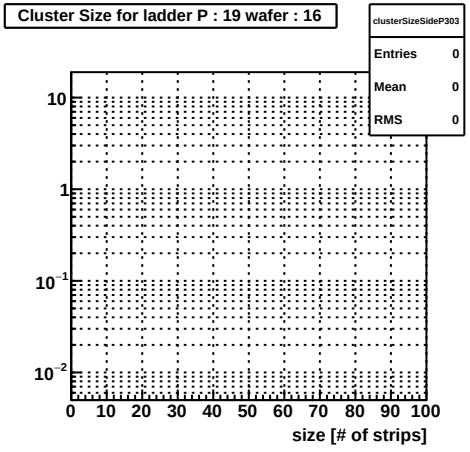

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

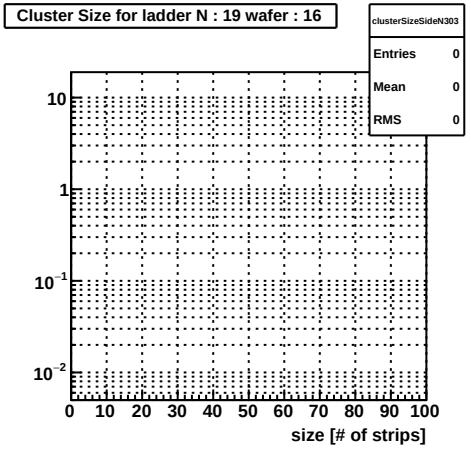

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

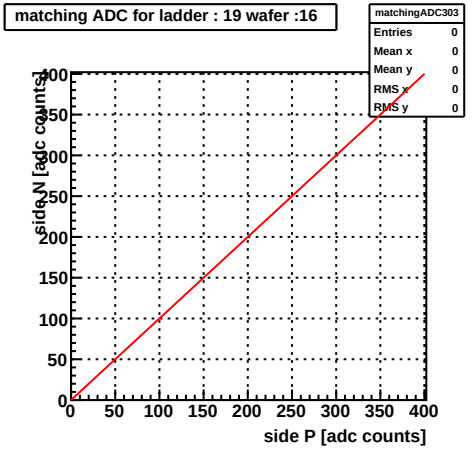

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

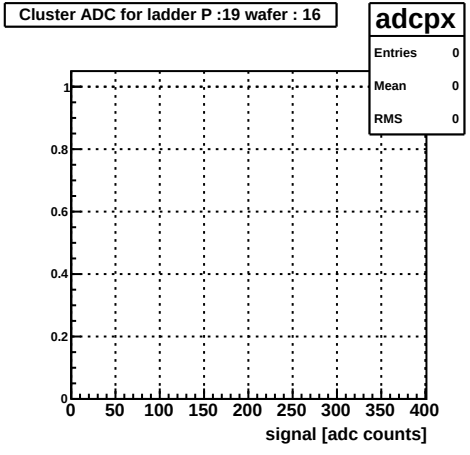

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

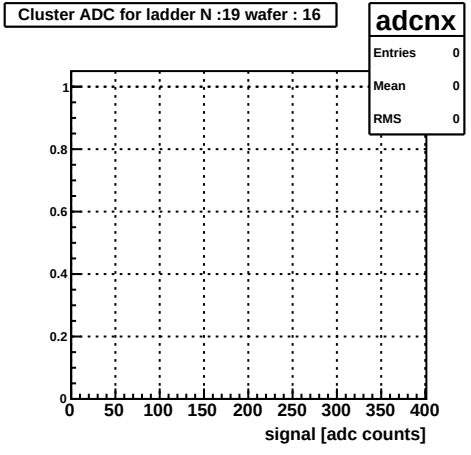

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

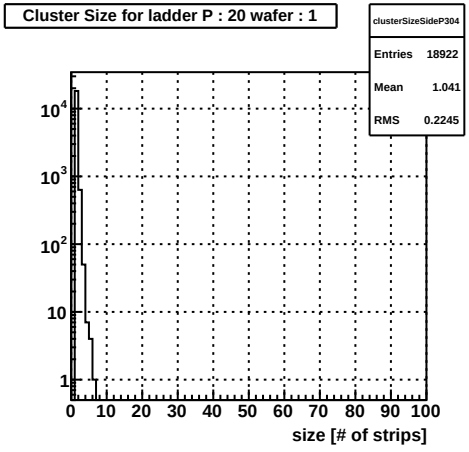

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

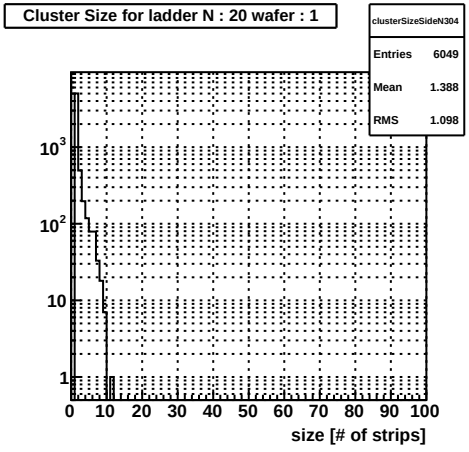

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

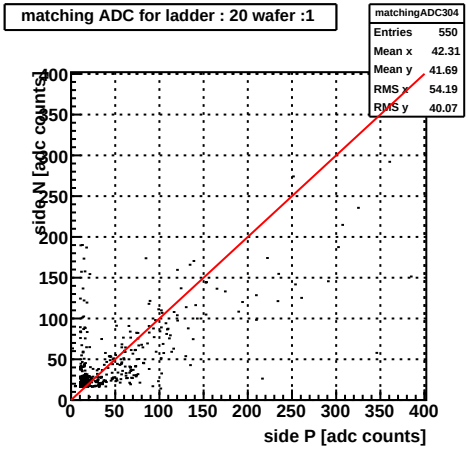

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

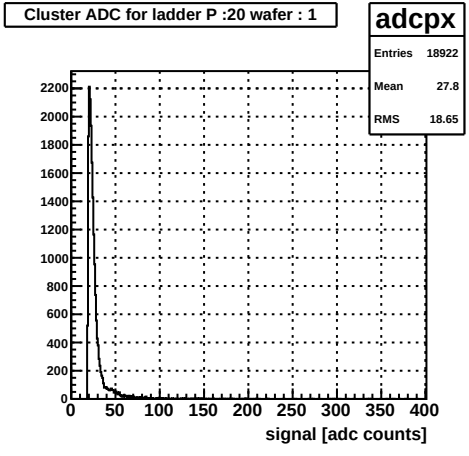

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

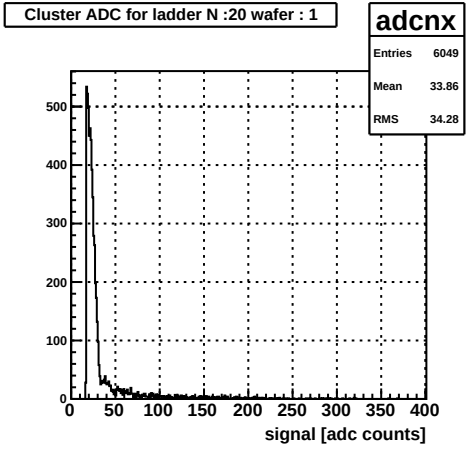

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

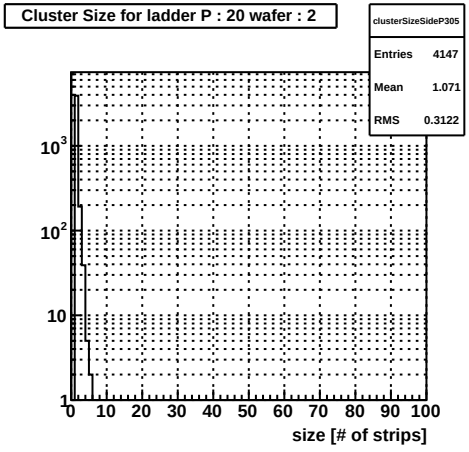

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18922
Mean 1.041
RMS 0.2245
size [# of strips]

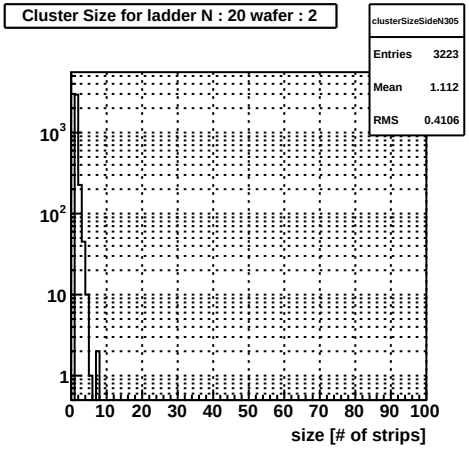

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6049
Mean 1.388
RMS 1.098
size [# of strips]

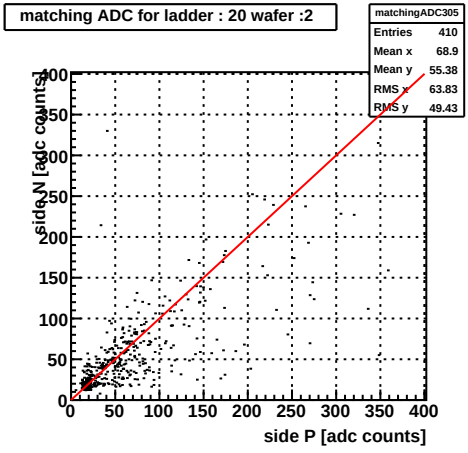

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 550
Mean x 42.31
Mean y 41.69
RMS x 54.19
RMS y 40.07
side N [adc counts]
side P [adc counts]

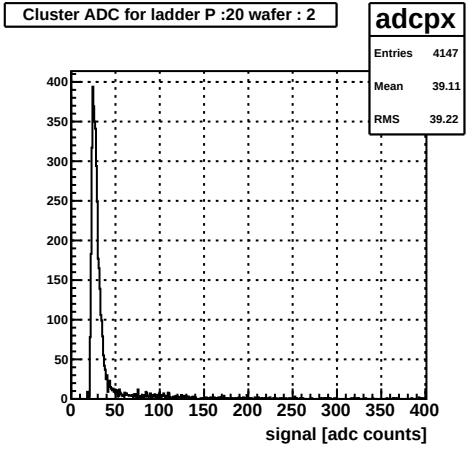

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18922
Mean 27.8
RMS 18.65
signal [adc counts]

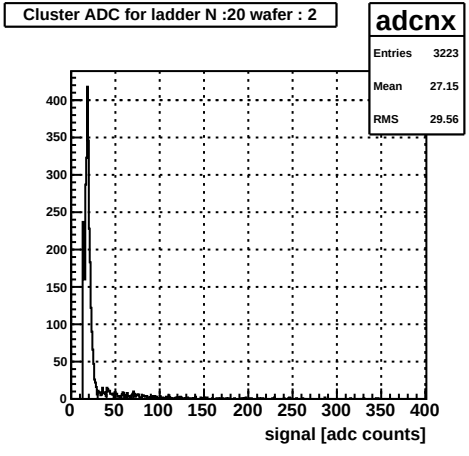

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6049
Mean 33.86
RMS 34.28
signal [adc counts]

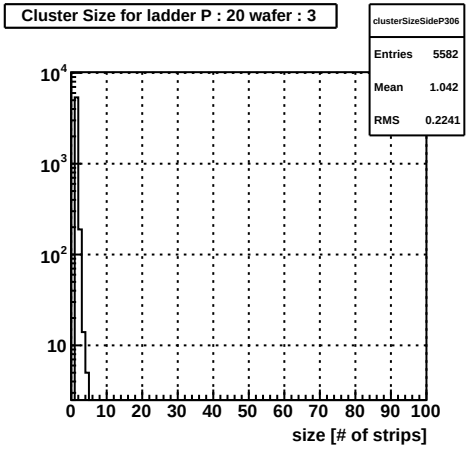

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4147
Mean 1.071
RMS 0.3122
size [# of strips]

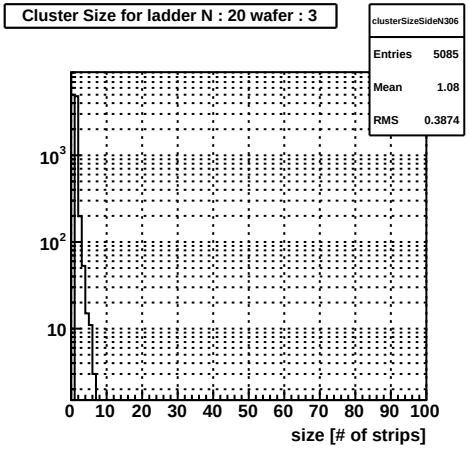

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3223
Mean 1.112
RMS 0.4106
size [# of strips]

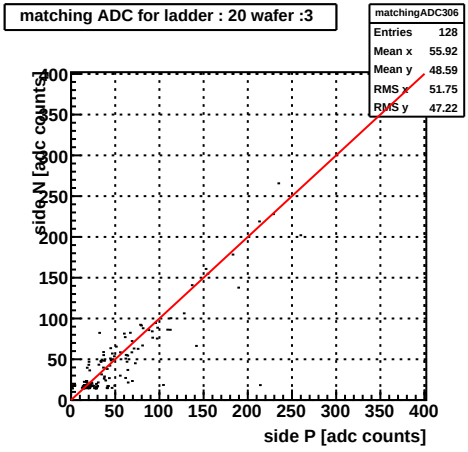

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 410
Mean x 68.9
Mean y 55.38
RMS x 63.83
RMS y 49.43
side N [adc counts]
side P [adc counts]

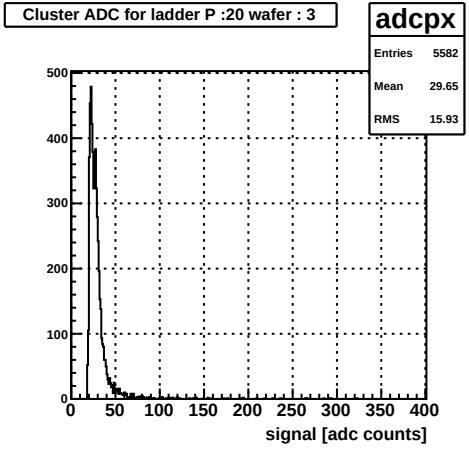

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4147
Mean 39.11
RMS 39.22
signal [adc counts]

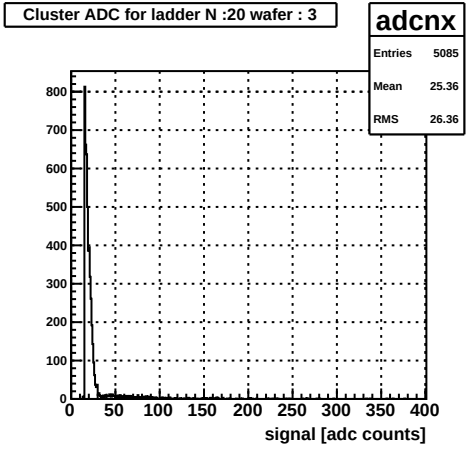

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3223
Mean 27.15
RMS 29.56
signal [adc counts]

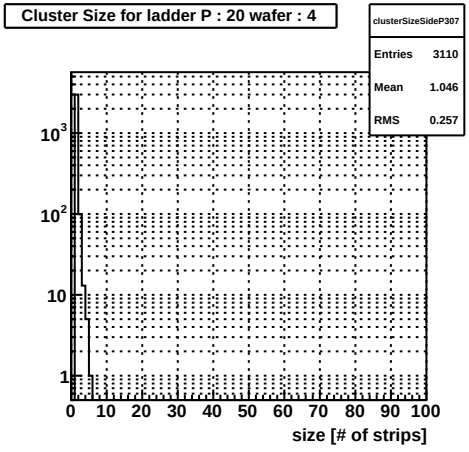

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5582
Mean 1.042
RMS 0.2241
size [# of strips]

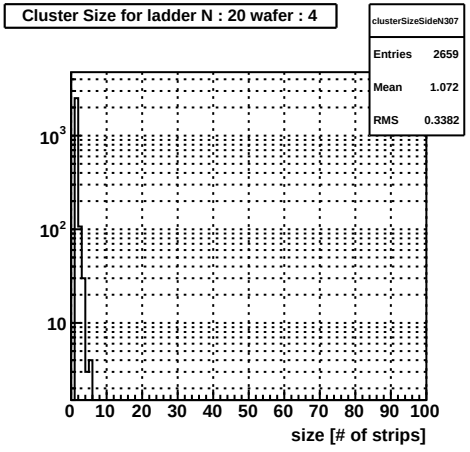

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5085
Mean 1.08
RMS 0.3874
size [# of strips]

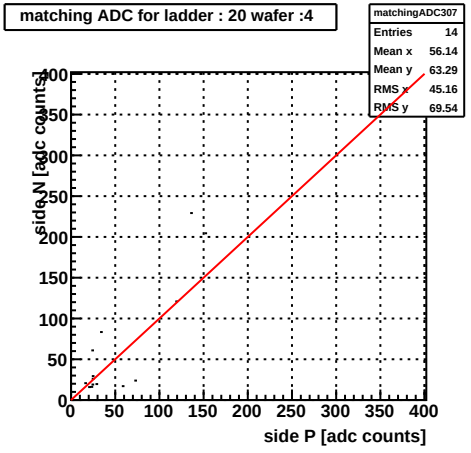

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 128
Mean x 55.92
Mean y 48.59
RMS x 51.75
RMS y 47.22
side N [adc counts]
side P [adc counts]

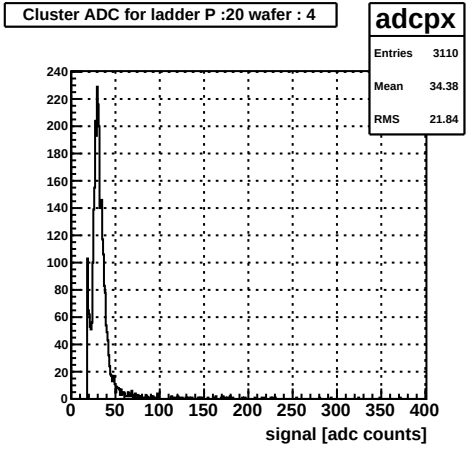

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5582
Mean 29.65
RMS 15.93
signal [adc counts]

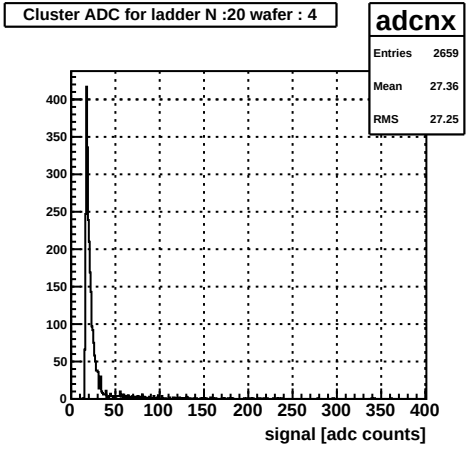

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5085
Mean 25.36
RMS 26.36
signal [adc counts]

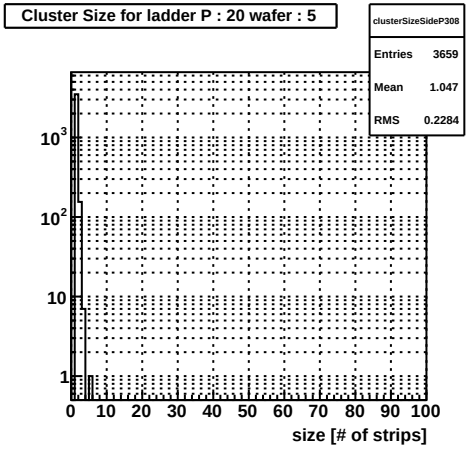

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3110
Mean 1.046
RMS 0.257
size [# of strips]

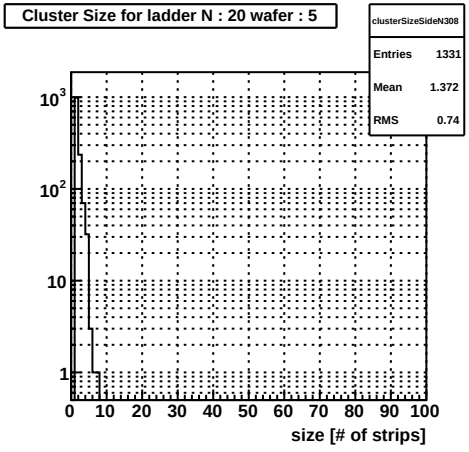

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2659
Mean 1.072
RMS 0.3382
size [# of strips]

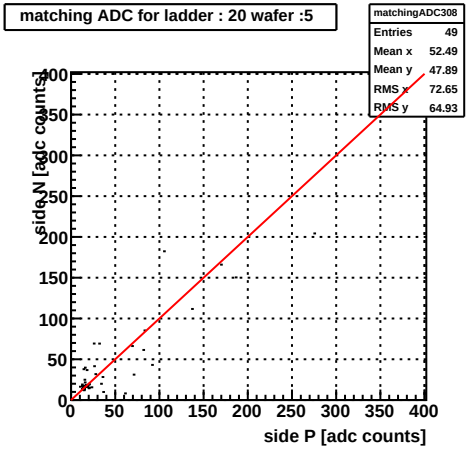

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 14
Mean x 56.14
Mean y 63.29
RMS x 45.16
RMS y 69.54
side N [adc counts]
side P [adc counts]

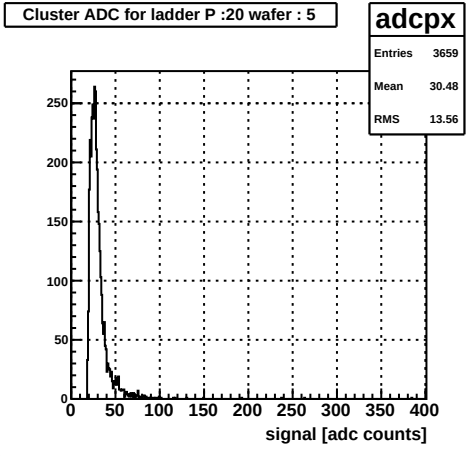

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3110
Mean 34.38
RMS 21.84
signal [adc counts]

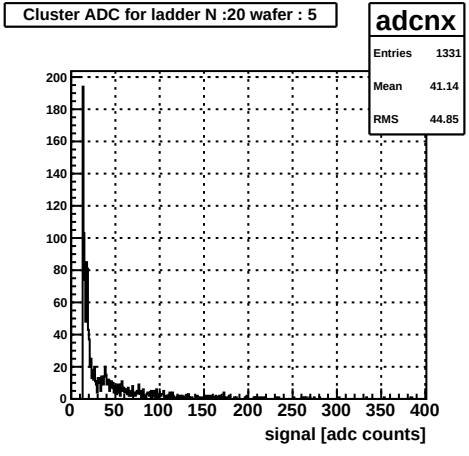

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2659
Mean 27.36
RMS 27.25
signal [adc counts]

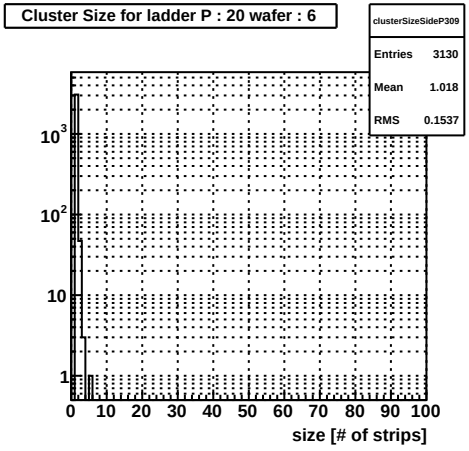

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3659
Mean 1.047
RMS 0.2284
size [# of strips]

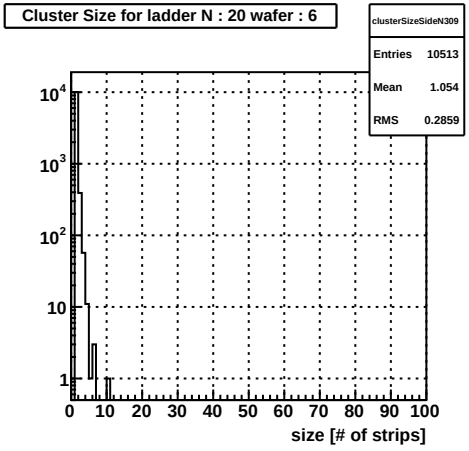

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1331
Mean 1.372
RMS 0.74
size [# of strips]

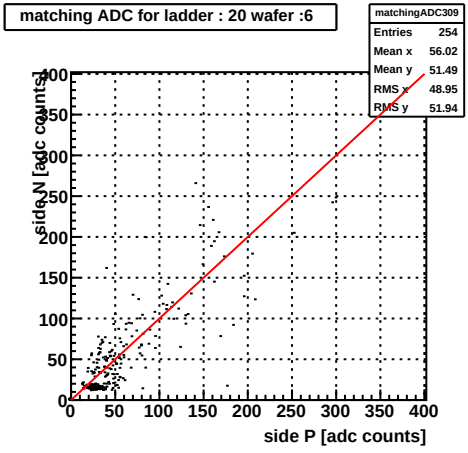

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 49
Mean x 52.49
Mean y 47.89
RMS x 72.65
RMS y 64.93
side N [adc counts]
side P [adc counts]

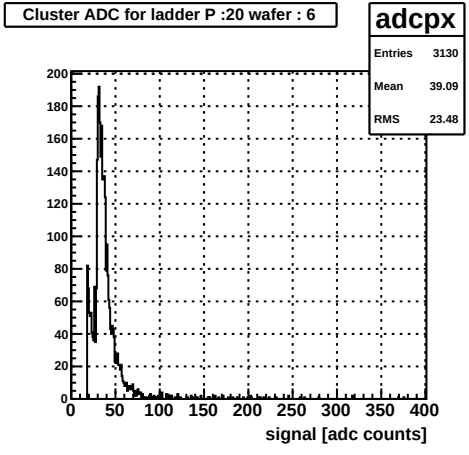

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3659
Mean 30.48
RMS 13.56
signal [adc counts]

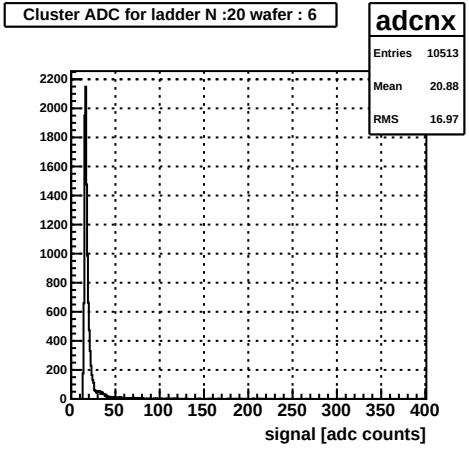

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1331
Mean 41.14
RMS 44.85
signal [adc counts]

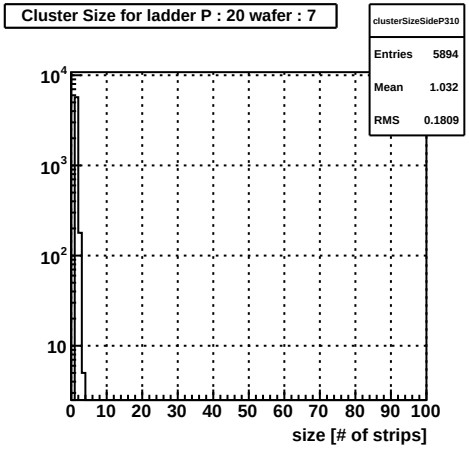

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3130
Mean 1.018
RMS 0.1537
size [# of strips]

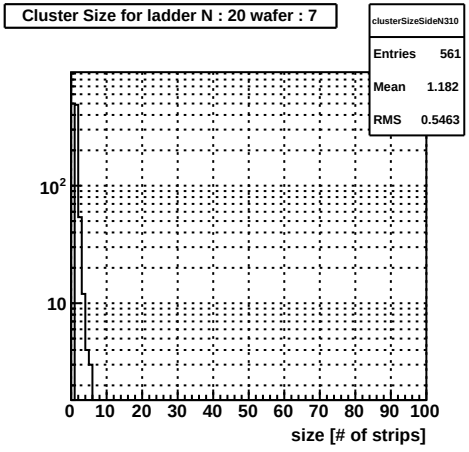

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 10513
Mean 1.054
RMS 0.2859
size [# of strips]

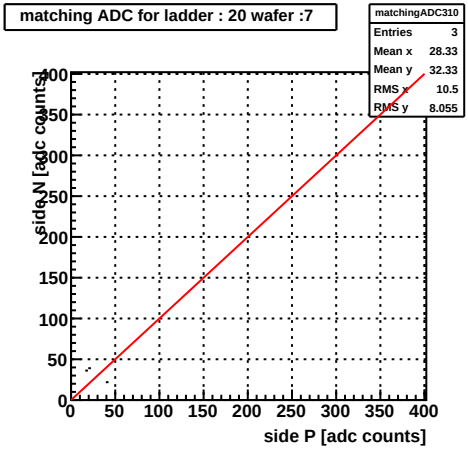

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 254
Mean x 56.02
Mean y 51.49
RMS x 48.95
RMS y 51.94
side N [adc counts]
side P [adc counts]

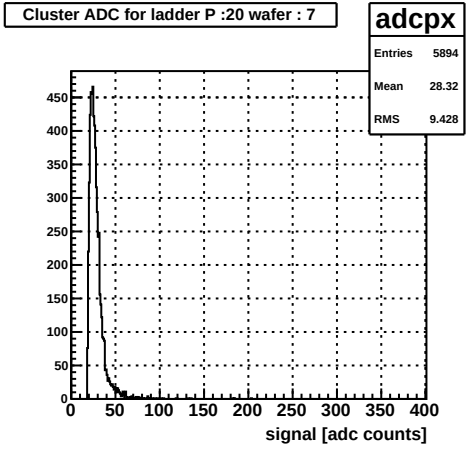

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3130
Mean 39.09
RMS 23.48
signal [adc counts]

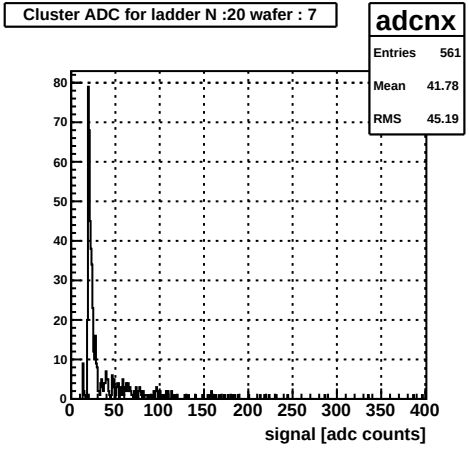

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 10513
Mean 20.88
RMS 16.97
signal [adc counts]

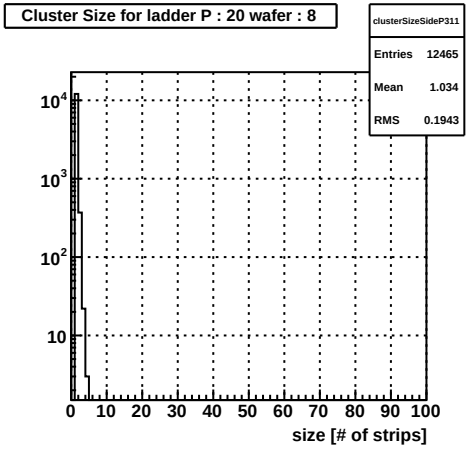

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5894
Mean 1.032
RMS 0.1809
size [# of strips]

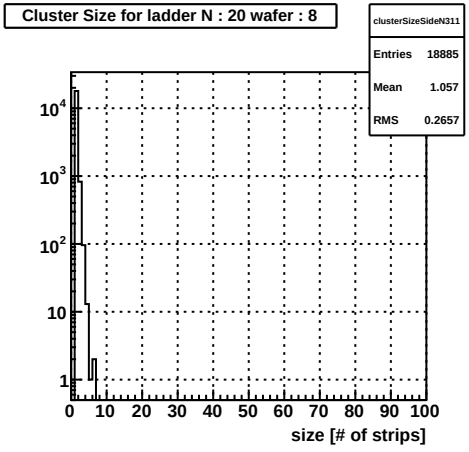

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 561
Mean 1.182
RMS 0.5463
size [# of strips]

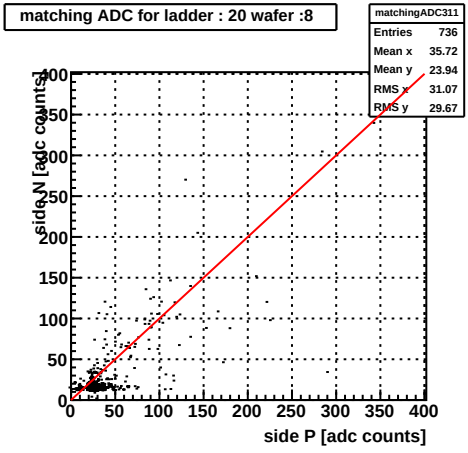

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 3
Mean x 28.33
Mean y 32.33
RMS x 10.5
RMS y 8.055
side N [adc counts]
side P [adc counts]

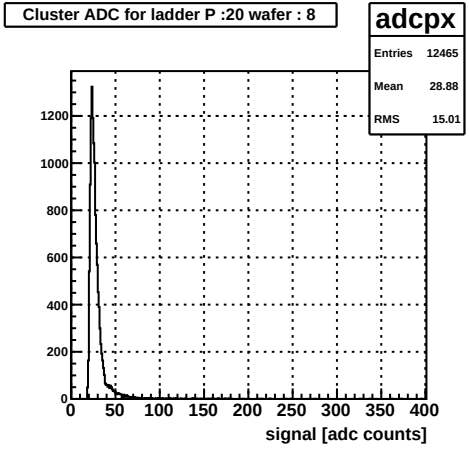

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5894
Mean 28.32
RMS 9.428
signal [adc counts]

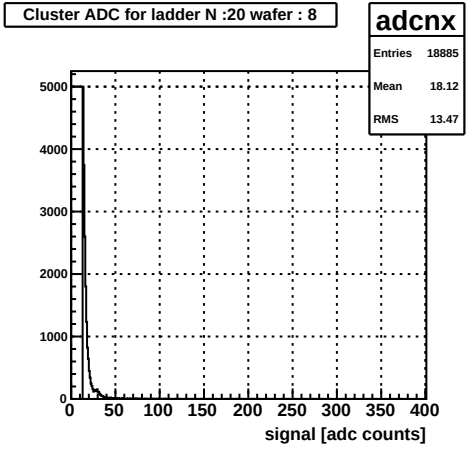

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 561
Mean 41.78
RMS 45.19
signal [adc counts]

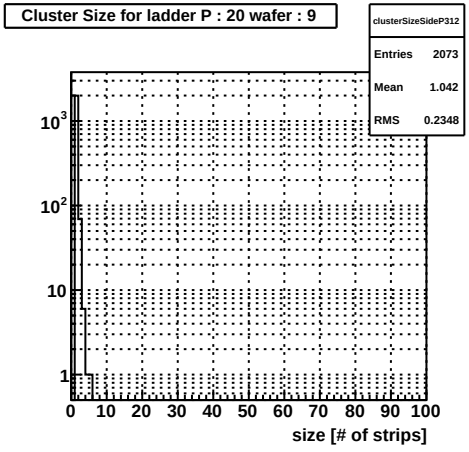

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 12465
Mean 1.034
RMS 0.1943
size [# of strips]

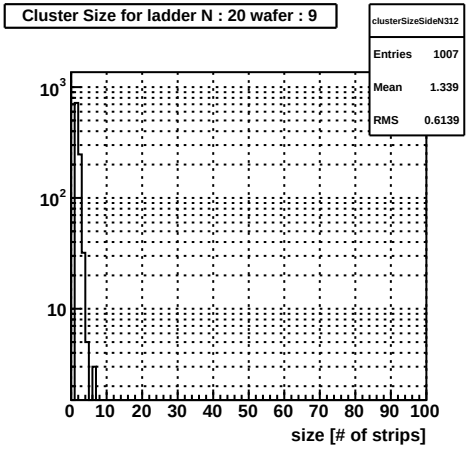

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 18885
Mean 1.057
RMS 0.2657
size [# of strips]

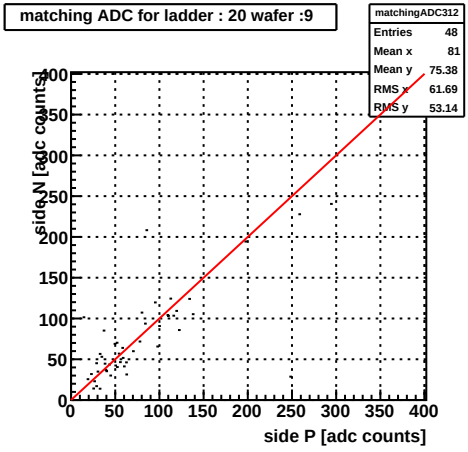

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 736
Mean x 35.72
Mean y 23.94
RMS x 31.07
RMS y 29.67
side N [adc counts]
side P [adc counts]

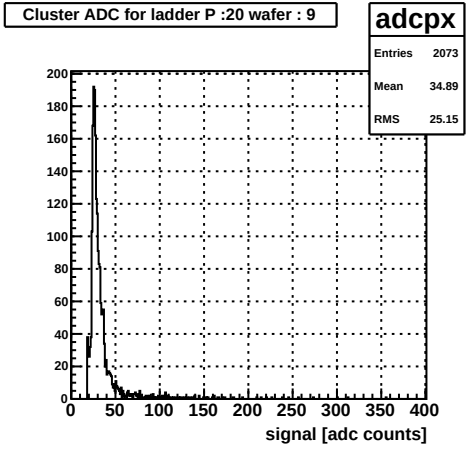

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 12465
Mean 28.88
RMS 15.01
signal [adc counts]

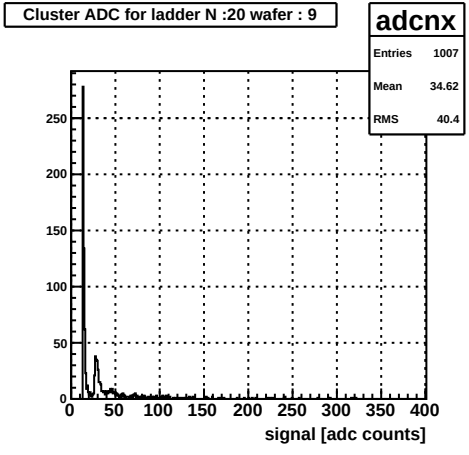

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 18885
Mean 18.12
RMS 13.47
signal [adc counts]

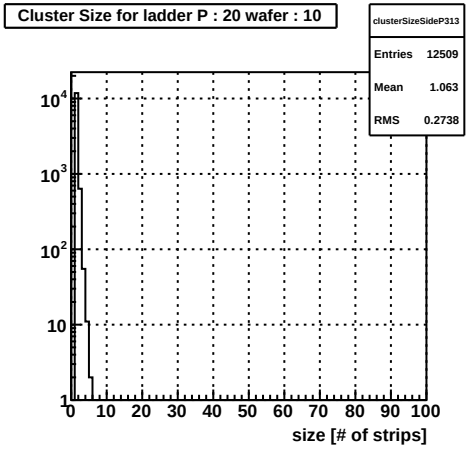

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2073
Mean 1.042
RMS 0.2348
size [# of strips]

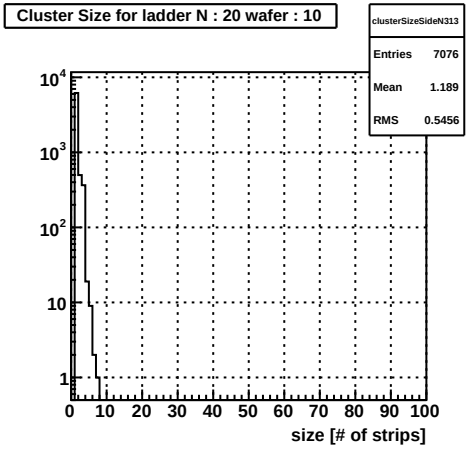

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1007
Mean 1.339
RMS 0.6139
size [# of strips]

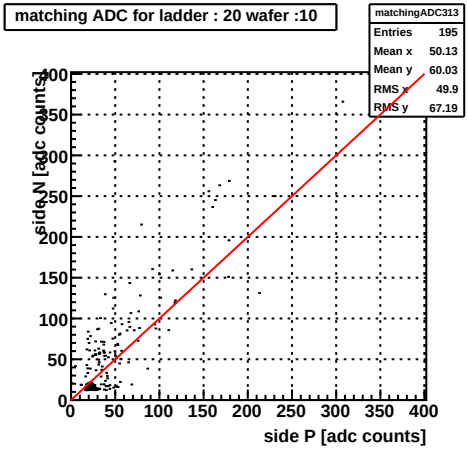

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 48
Mean x 81
Mean y 75.38
RMS x 61.69
RMS y 53.14
side N [adc counts]
side P [adc counts]

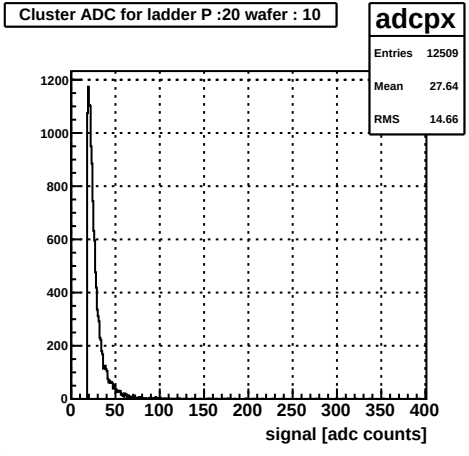

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2073
Mean 34.89
RMS 25.15
signal [adc counts]

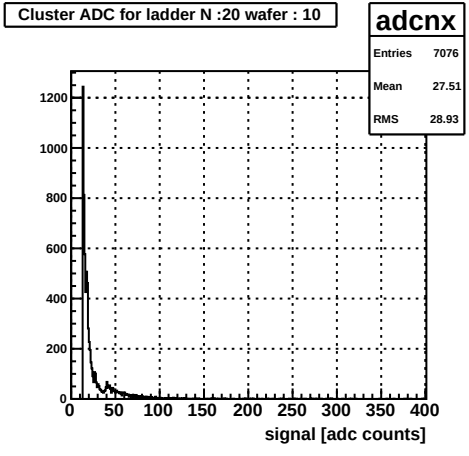

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1007
Mean 34.62
RMS 40.4
signal [adc counts]

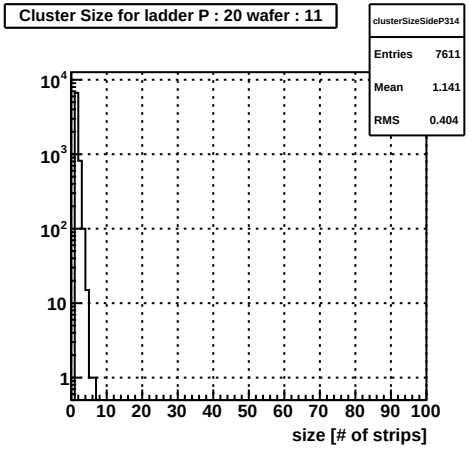

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12509
Mean 1.063
RMS 0.2738
size [# of strips]

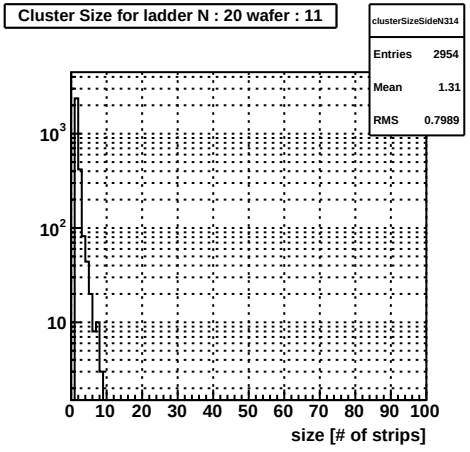

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7076
Mean 1.189
RMS 0.5456
size [# of strips]

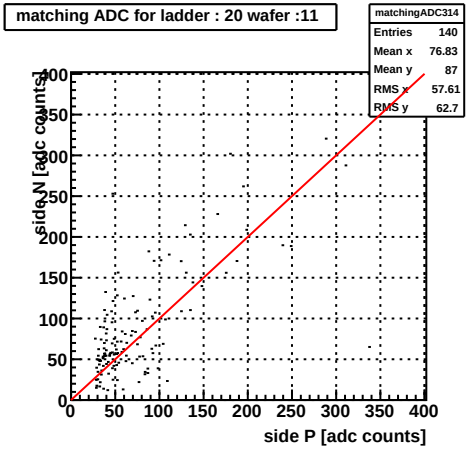

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 195
Mean x 50.13
Mean y 60.03
RMS x 49.9
RMS y 67.19
side N [adc counts]
side P [adc counts]

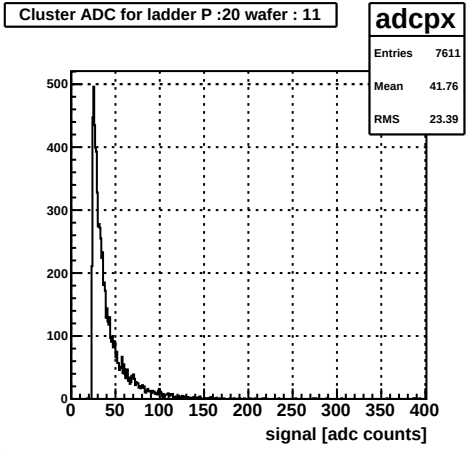

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12509
Mean 27.64
RMS 14.66
signal [adc counts]

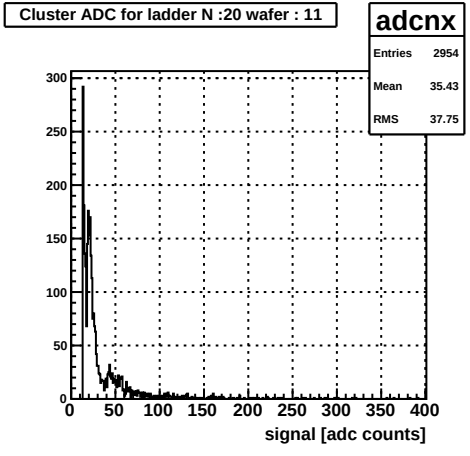

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7076
Mean 27.51
RMS 28.93
signal [adc counts]

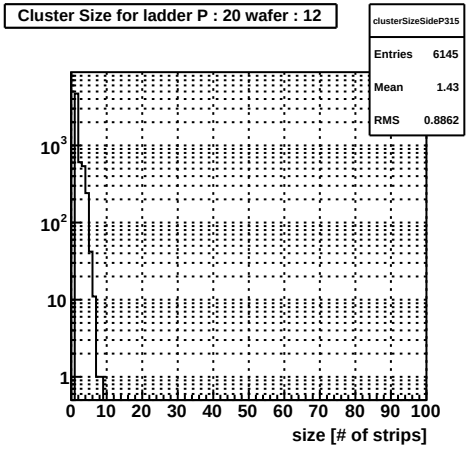

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7611
Mean 1.141
RMS 0.404
size [# of strips]

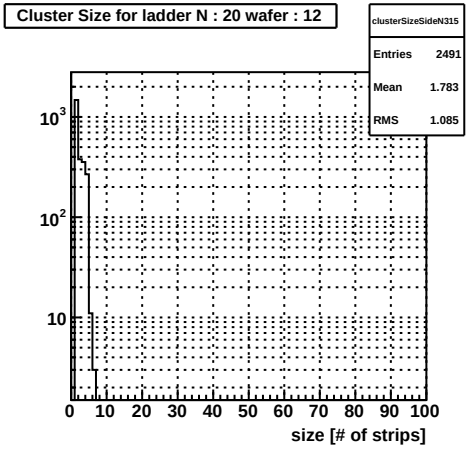

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2954
Mean 1.31
RMS 0.7989
size [# of strips]

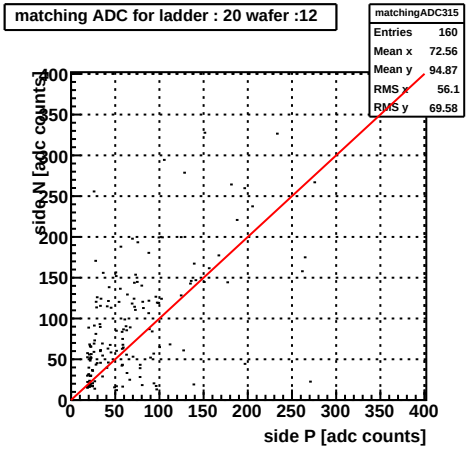

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 140
Mean x 76.83
Mean y 87
RMS x 57.61
RMS y 62.7
side N [adc counts]
side P [adc counts]

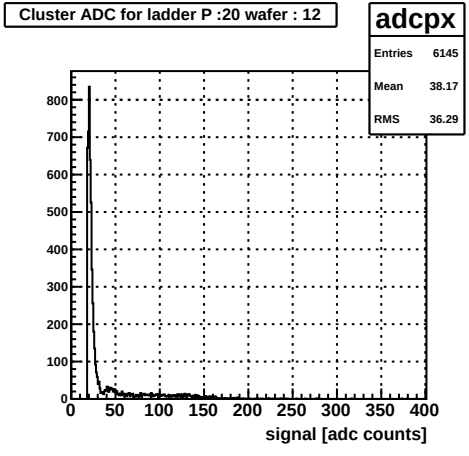

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7611
Mean 41.76
RMS 23.39
signal [adc counts]

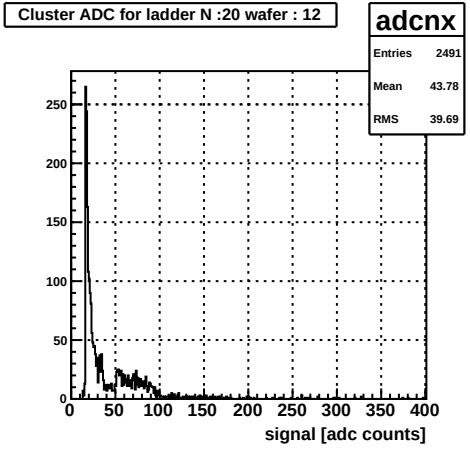

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2954
Mean 35.43
RMS 37.75
signal [adc counts]

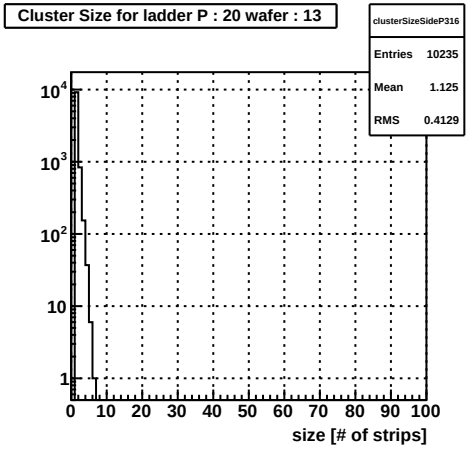

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6145
Mean 1.43
RMS 0.8862
size [# of strips]

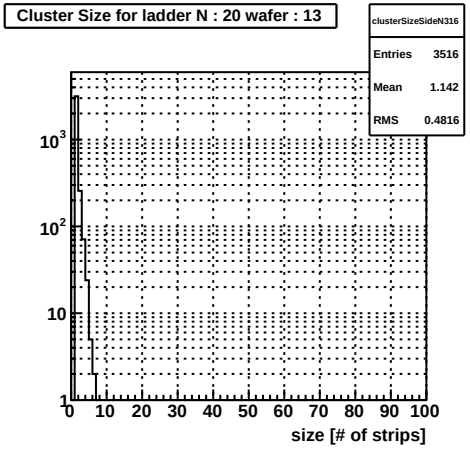

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2491
Mean 1.783
RMS 1.085
size [# of strips]

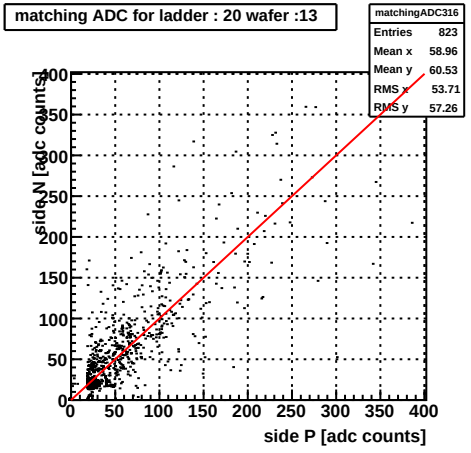

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 160
Mean x 72.56
Mean y 94.87
RMS x 56.1
RMS y 69.58
side N [adc counts]
side P [adc counts]

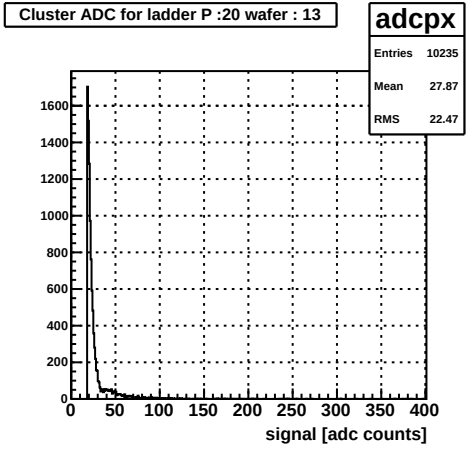

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6145
Mean 38.17
RMS 36.29
signal [adc counts]

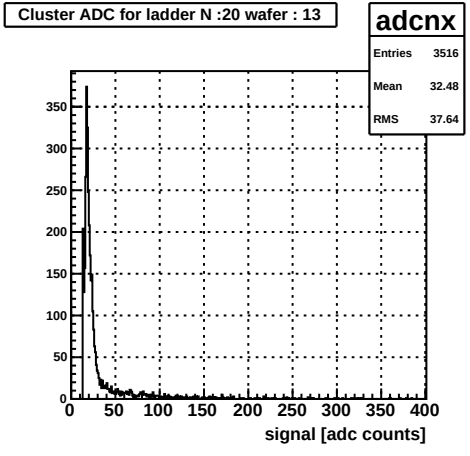

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2491
Mean 43.78
RMS 39.69
signal [adc counts]

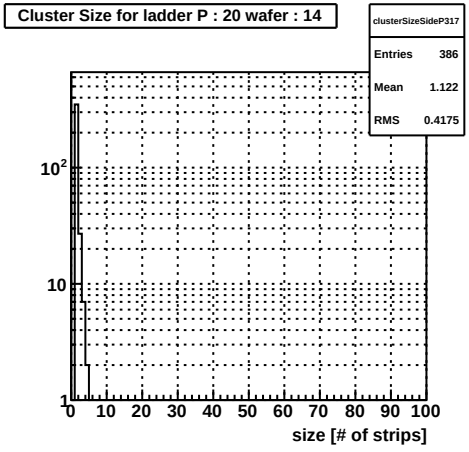

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10235
Mean 1.125
RMS 0.4129
size [# of strips]

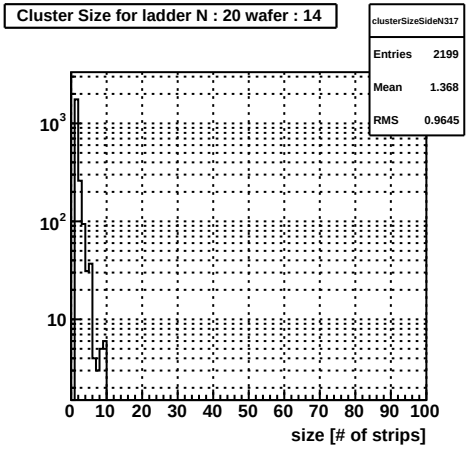

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3516
Mean 1.142
RMS 0.4816
size [# of strips]

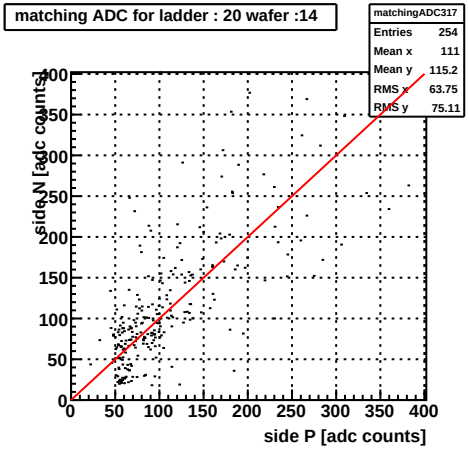

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 823
Mean x 58.96
Mean y 60.53
RMS x 53.71
RMS y 57.26
side N [adc counts]
side P [adc counts]

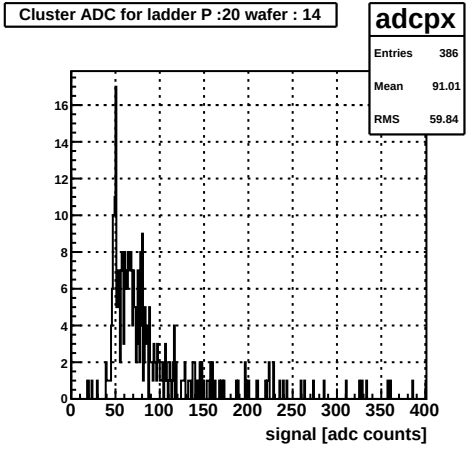

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10235
Mean 27.87
RMS 22.47
signal [adc counts]

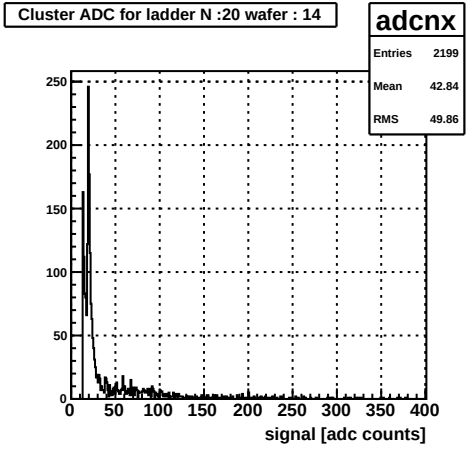

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3516
Mean 32.48
RMS 37.64
signal [adc counts]

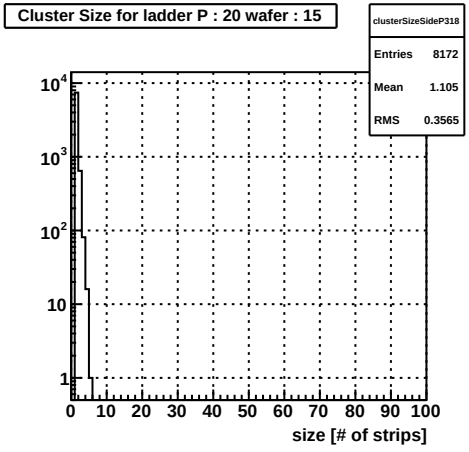

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 386
Mean 1.122
RMS 0.4175
size [# of strips]

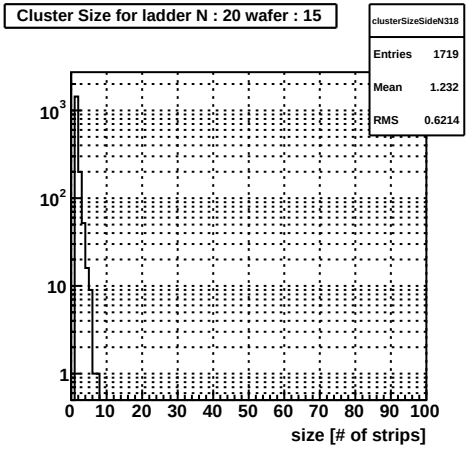

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2199
Mean 1.368
RMS 0.9645
size [# of strips]

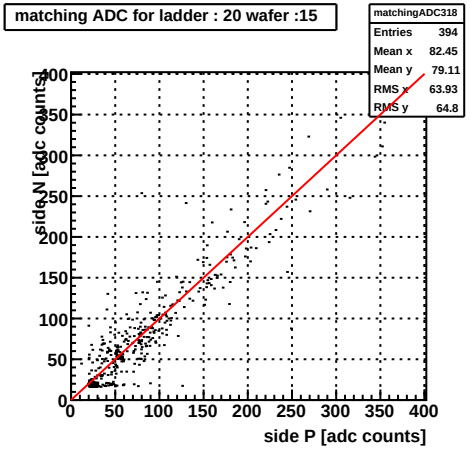

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 254
Mean x 111
Mean y 115.2
RMS x 63.75
RMS y 75.11
side N [adc counts]
side P [adc counts]

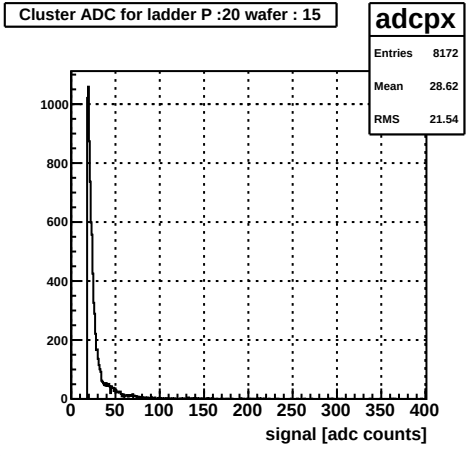

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 386
Mean 91.01
RMS 59.84
signal [adc counts]

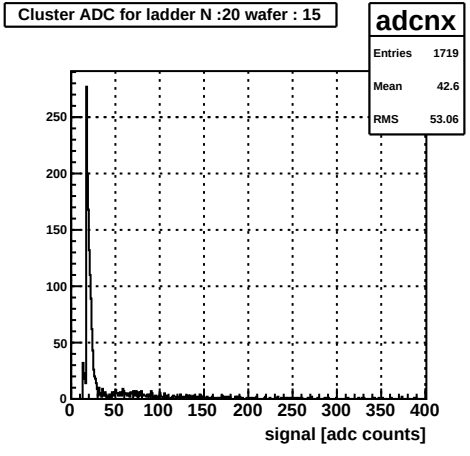

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2199
Mean 42.84
RMS 49.86
signal [adc counts]

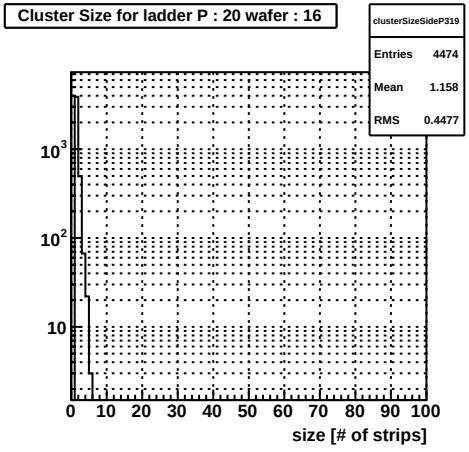

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8172
Mean 1.105
RMS 0.3565
size [# of strips]

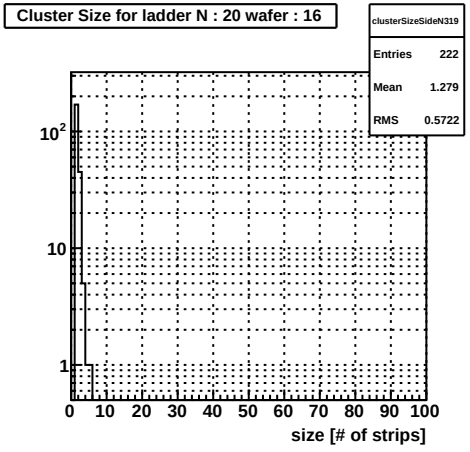

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1719
Mean 1.232
RMS 0.6214
size [# of strips]

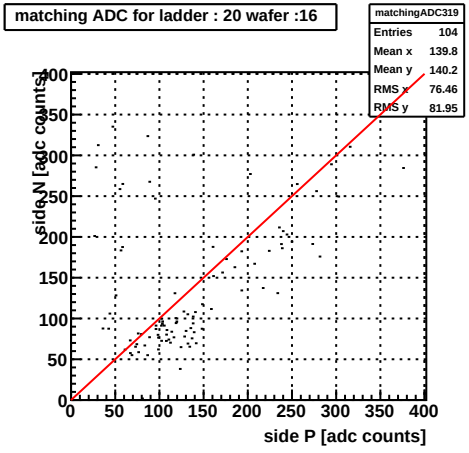

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 394
Mean x 82.45
Mean y 79.11
RMS x 63.93
RMS y 64.8
side N [adc counts]
side P [adc counts]

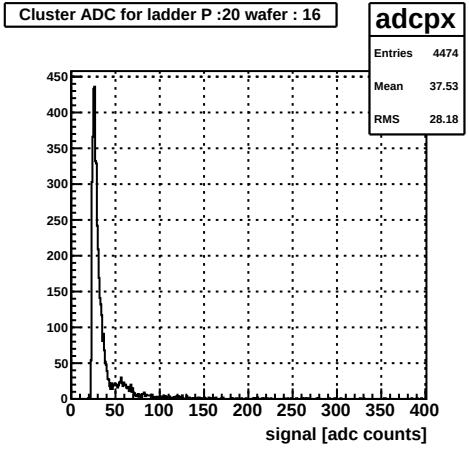

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8172
Mean 28.62
RMS 21.54
signal [adc counts]

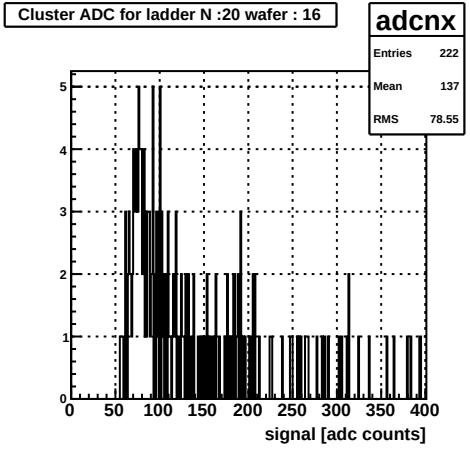

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1719
Mean 42.6
RMS 53.06
signal [adc counts]

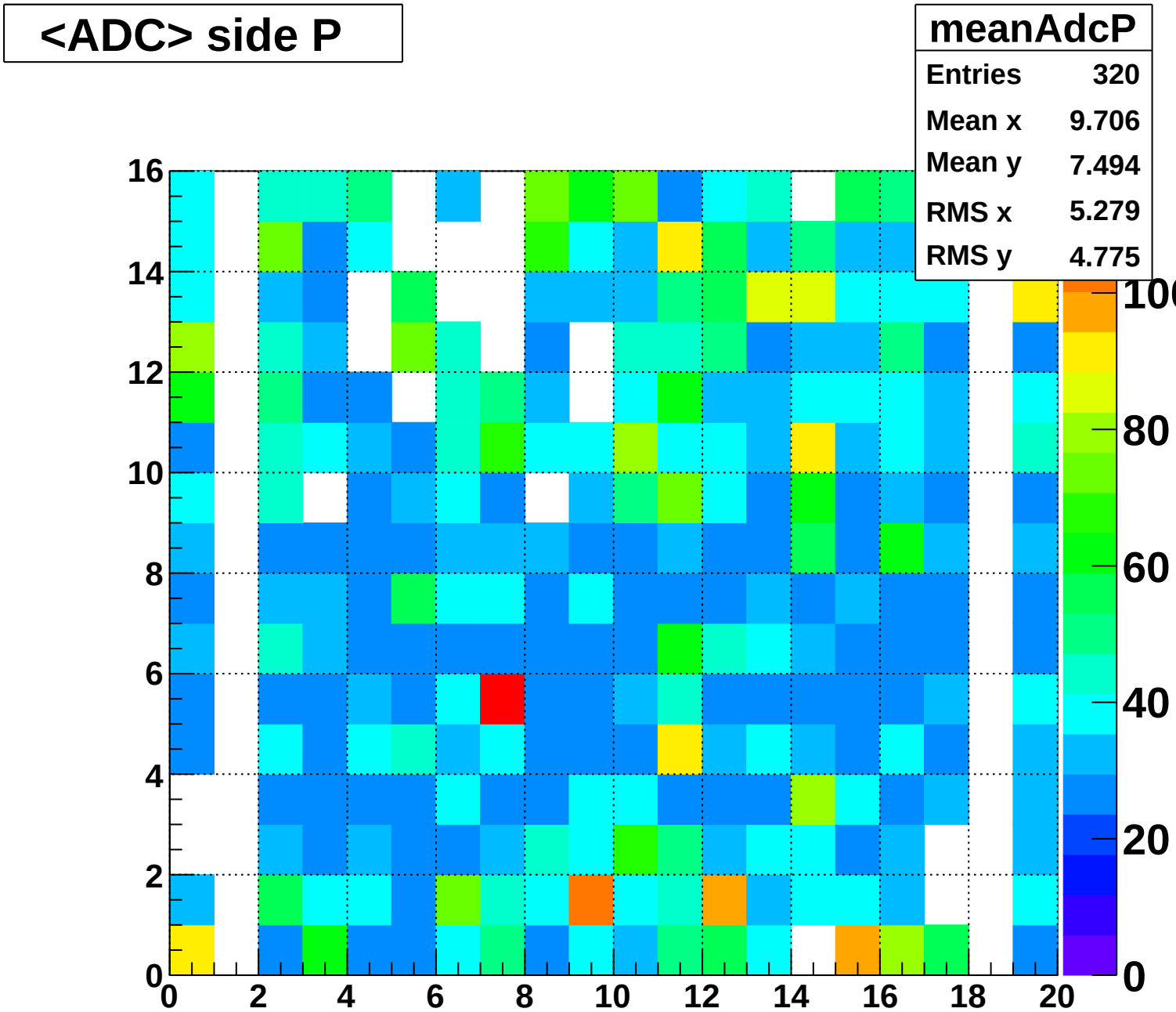

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4474
Mean 1.158
RMS 0.4477
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 222
Mean 1.279
RMS 0.5722
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 104
Mean x 139.8
Mean y 140.2
RMS x 76.46
RMS y 81.95
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4474
Mean 37.53
RMS 28.18
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 222
Mean 137
RMS 78.55
signal [adc counts]



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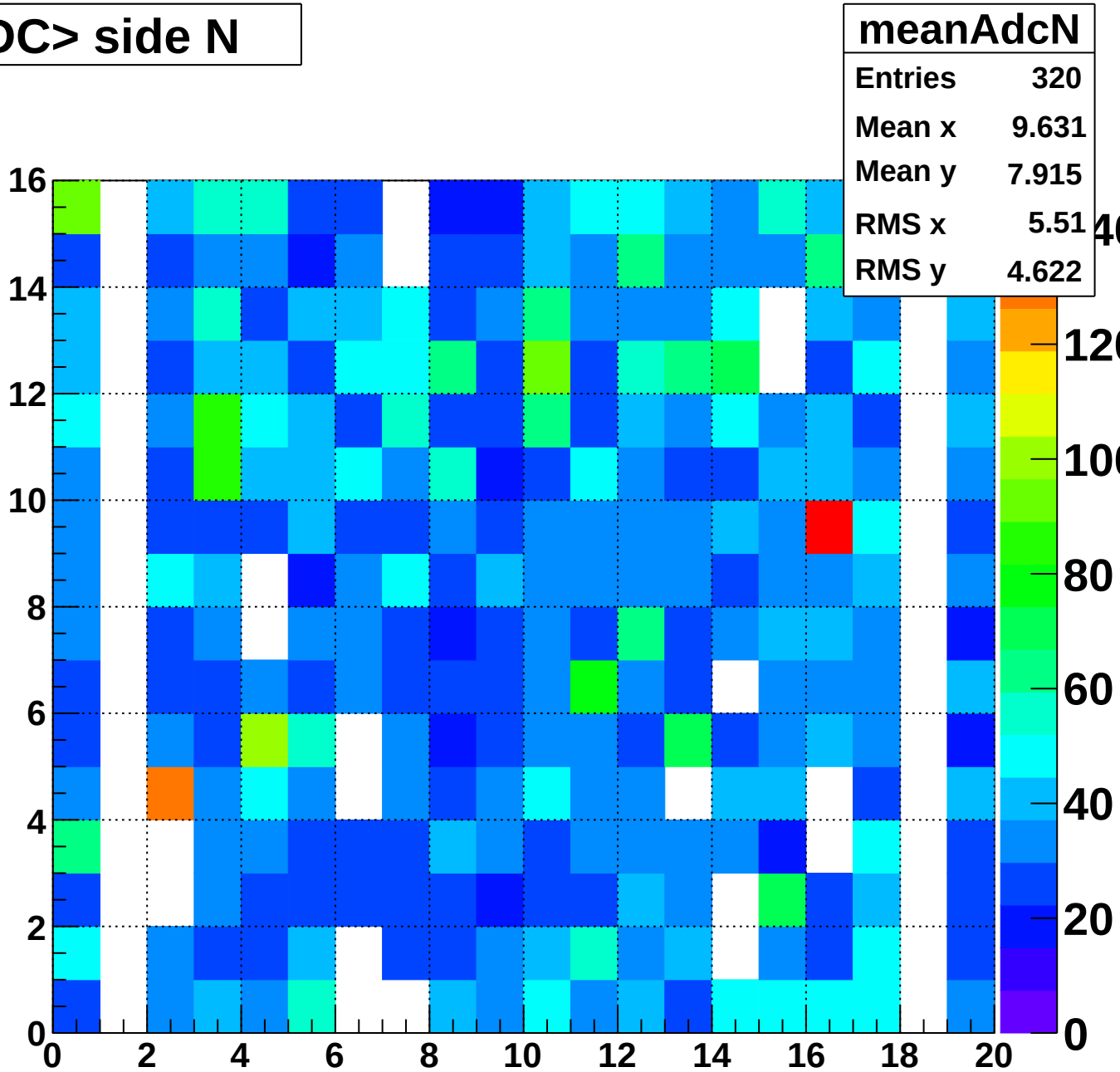
<ADC> side N



2016-05-26 15:14:29