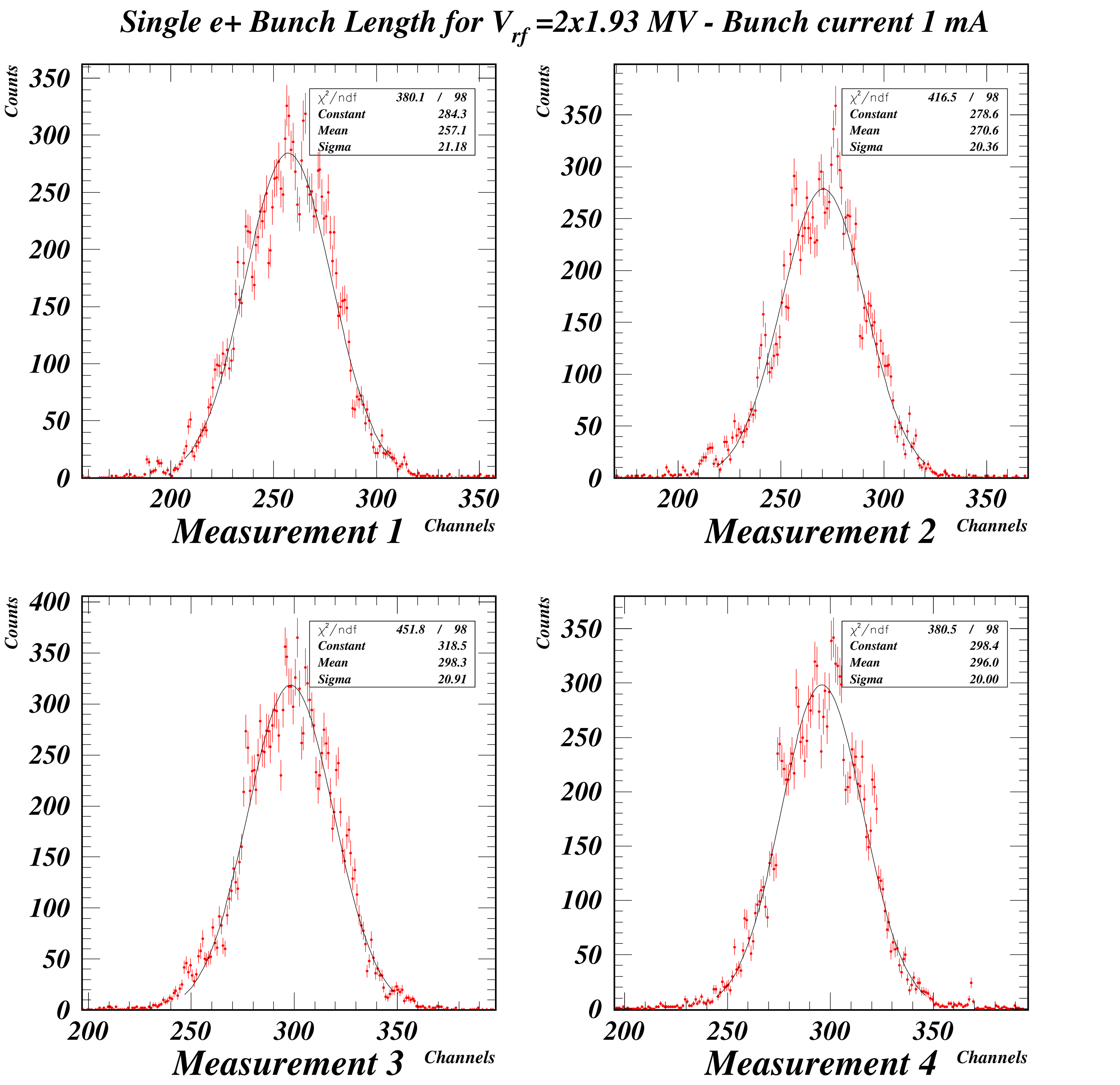
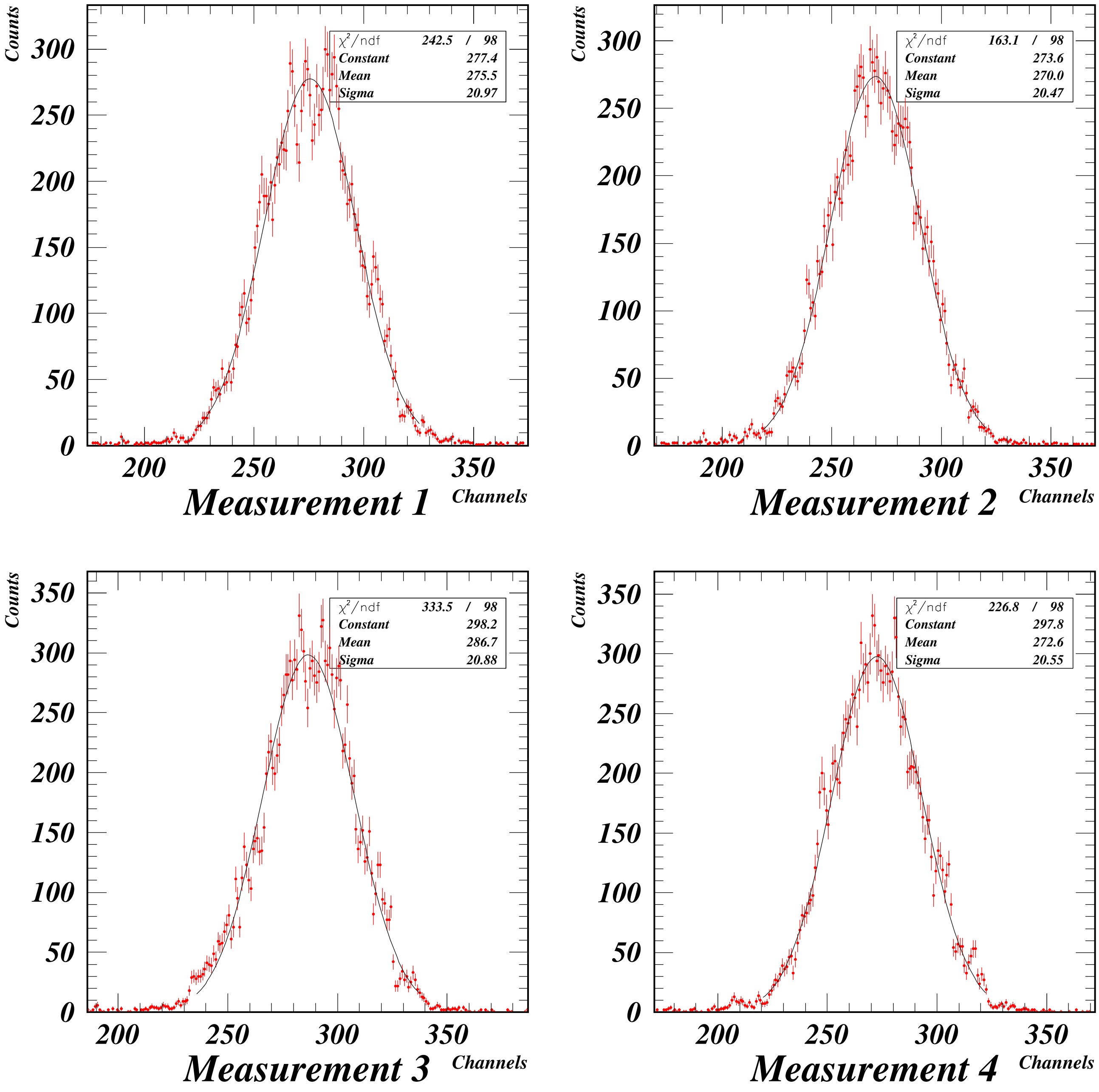
02/02/07 16.09



Single e+ Bunch Length for V_{rf} =2x1.93 MV - Bunch current 1 mA
χ^2/ndf 380.1 / 98
Constant 284.3
Mean 257.1
Sigma 21.18
Counts
Channels
Measurement 1
χ^2/ndf 416.5 / 98
Constant 278.6
Mean 270.6
Sigma 20.36
Counts
Channels
Measurement 2
χ^2/ndf 451.8 / 98
Constant 318.5
Mean 298.3
Sigma 20.91
Counts
Channels
Measurement 3
χ^2/ndf 380.5 / 98
Constant 298.4
Mean 296.0
Sigma 20.00
Counts
Channels
Measurement 4

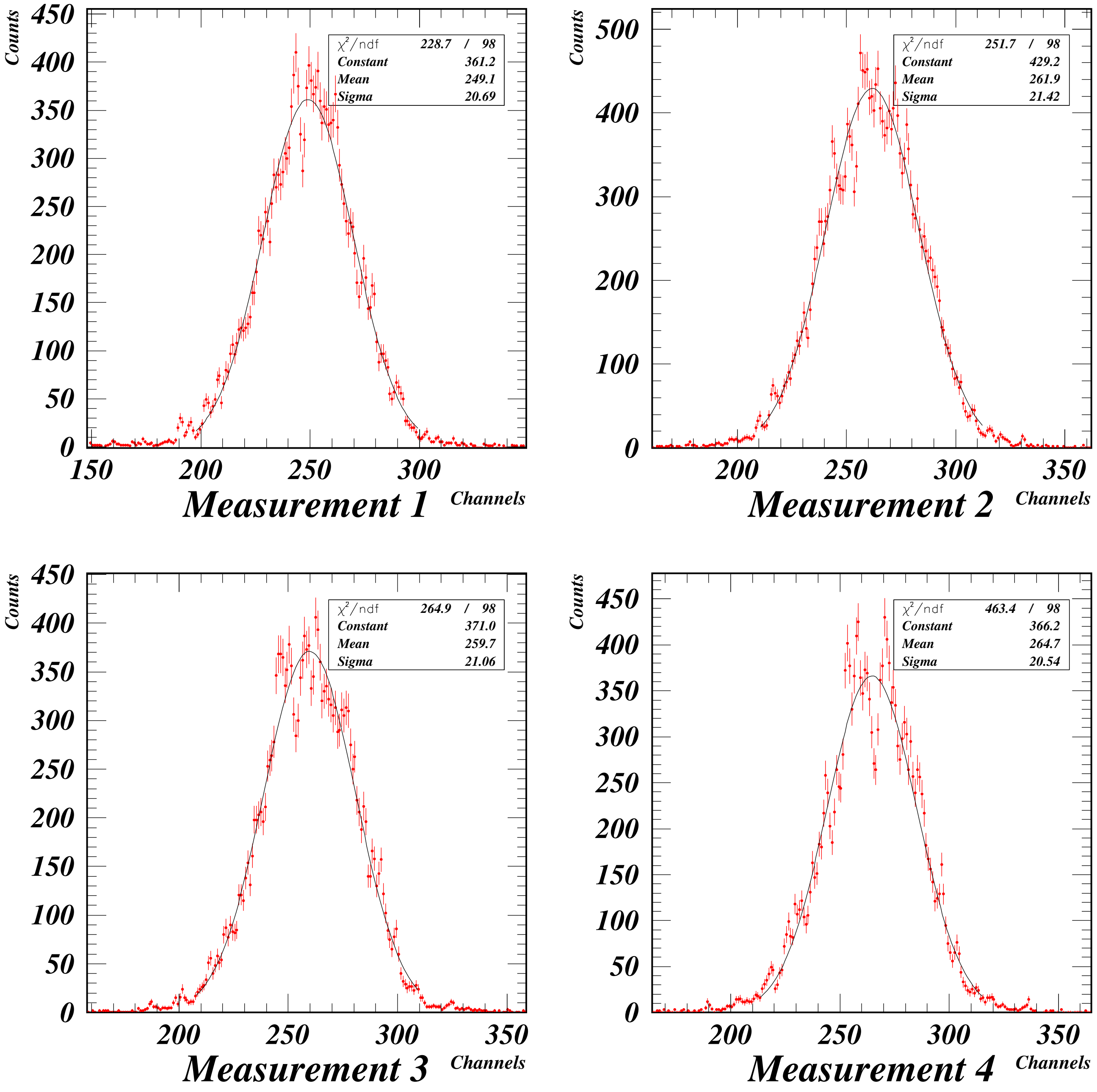
02/02/07 16.09

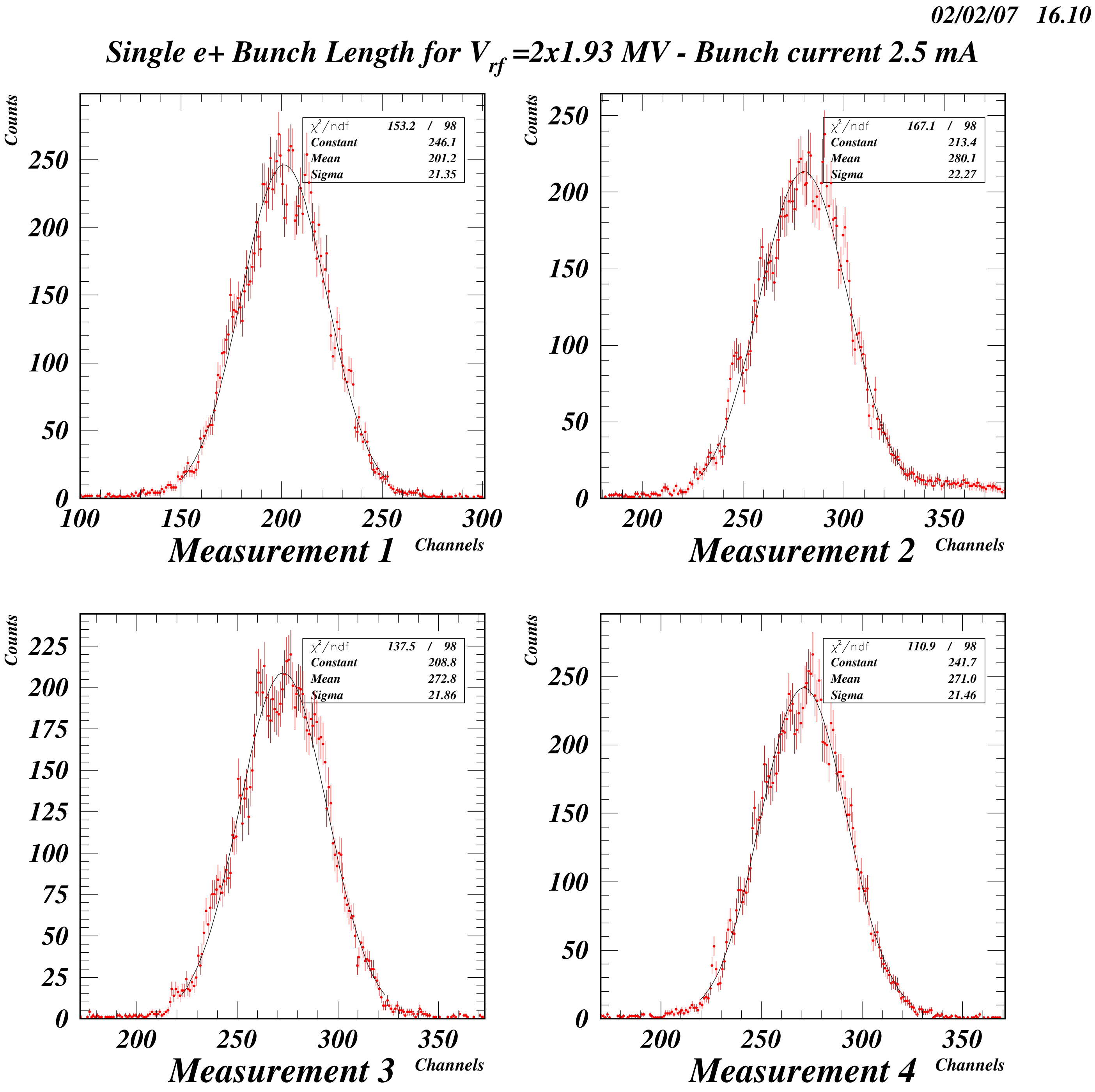
Single e+ Bunch Length for V_{rf} =2x1.93 MV - Bunch current 1.5 mA

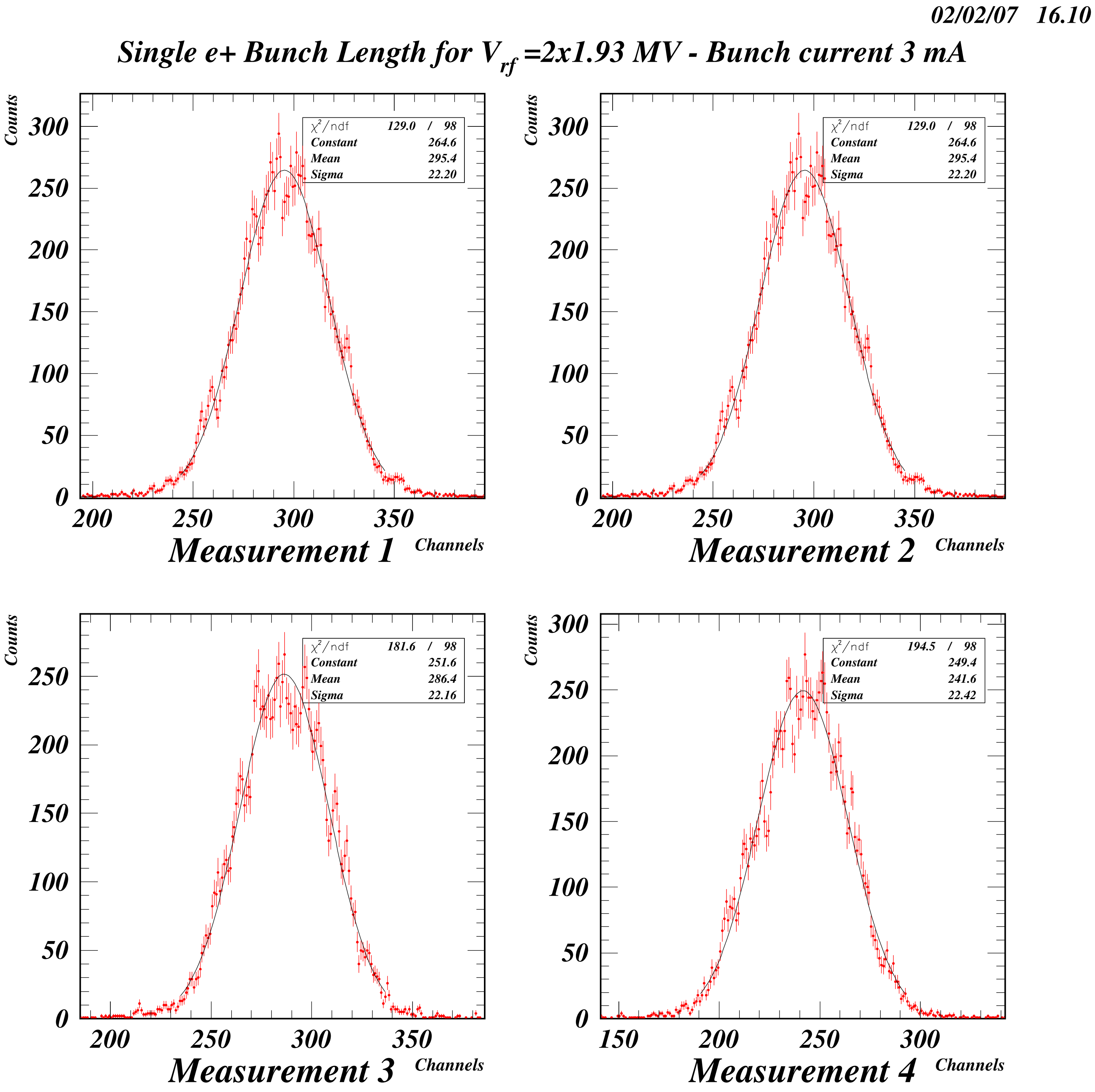


02/02/07 16.09

Single e+ Bunch Length for V_{rf} =2x1.93 MV - Bunch current 2 mA



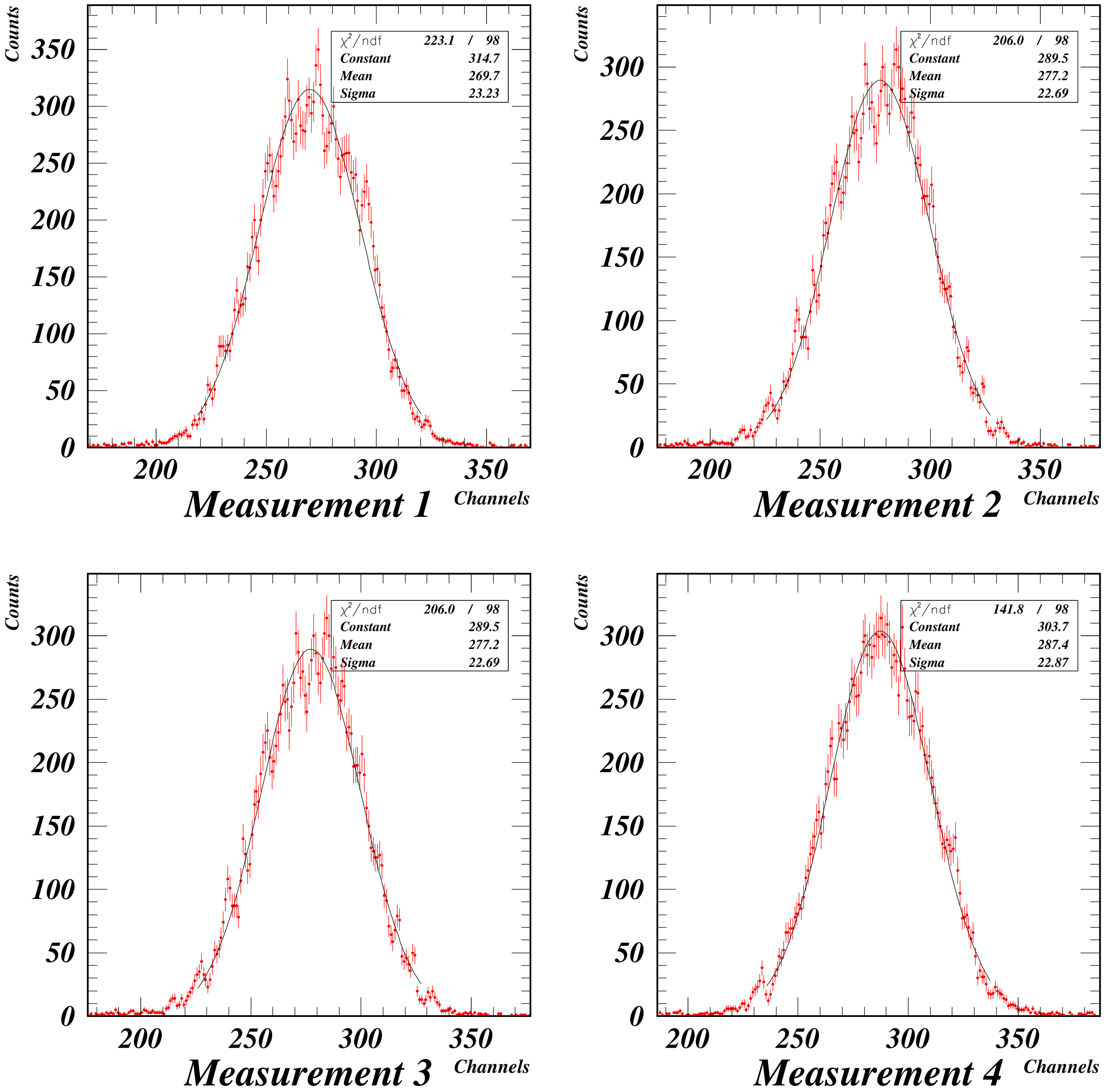

02/02/07 16.10
Single e+ Bunch Length for V rf =2x1.93 MV - Bunch current 2.5 mA
χ²/ndf 153.2 / 98
Constant 246.1
Mean 201.2
Sigma 21.35
Counts
Channels
Measurement 1
χ²/ndf 167.1 / 98
Constant 213.4
Mean 280.1
Sigma 22.27
Counts
Channels
Measurement 2
χ²/ndf 137.5 / 98
Constant 208.8
Mean 272.8
Sigma 21.86
Counts
Channels
Measurement 3
χ²/ndf 110.9 / 98
Constant 241.7
Mean 271.0
Sigma 21.46
Counts
Channels
Measurement 4



02/02/07 16.10
Single e+ Bunch Length for V$_{rf}$ =2x1.93 MV - Bunch current 3 mA
Counts
χ²/ndf 129.0 / 98
Constant 264.6
Mean 295.4
Sigma 22.20
Measurement 1
Channels
Counts
χ²/ndf 129.0 / 98
Constant 264.6
Mean 295.4
Sigma 22.20
Measurement 2
Channels
Counts
χ²/ndf 181.6 / 98
Constant 251.6
Mean 286.4
Sigma 22.16
Measurement 3
Channels
Counts
χ²/ndf 194.5 / 98
Constant 249.4
Mean 241.6
Sigma 22.42
Measurement 4
Channels

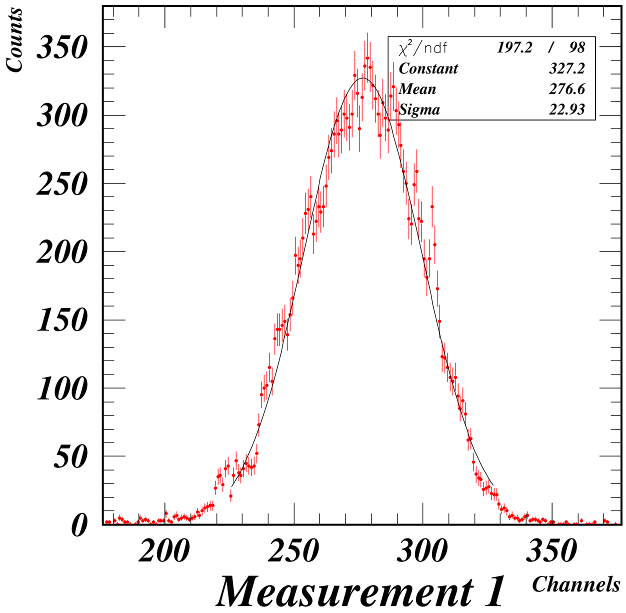
02/02/07 16.10

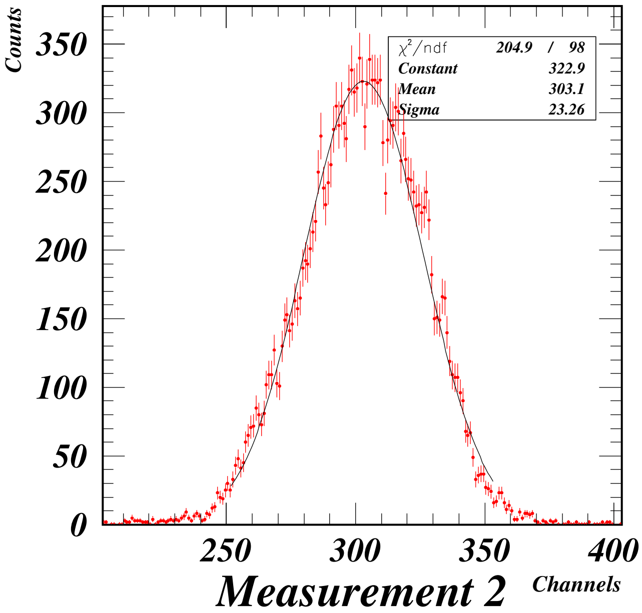
Single e+ Bunch Length for V_{rf} =2x1.93 MV - Bunch current 3.5 mA

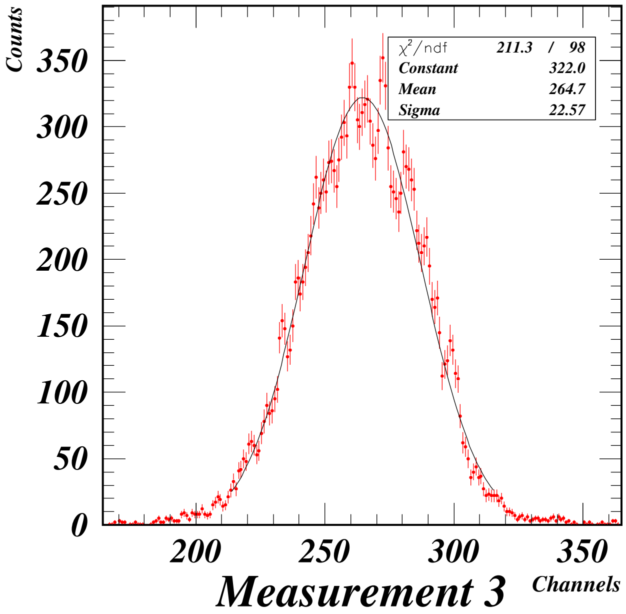


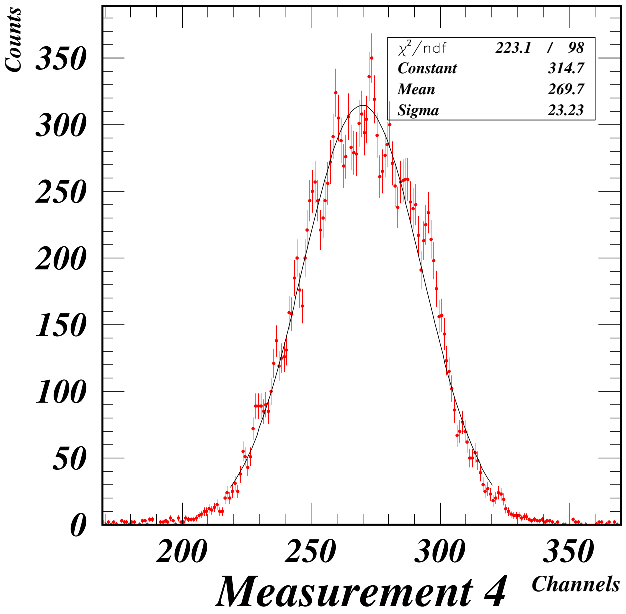
02/02/07 16.10

Single e+ Bunch Length for V_{rf} =2x1.93 MV - Bunch current 4 mA

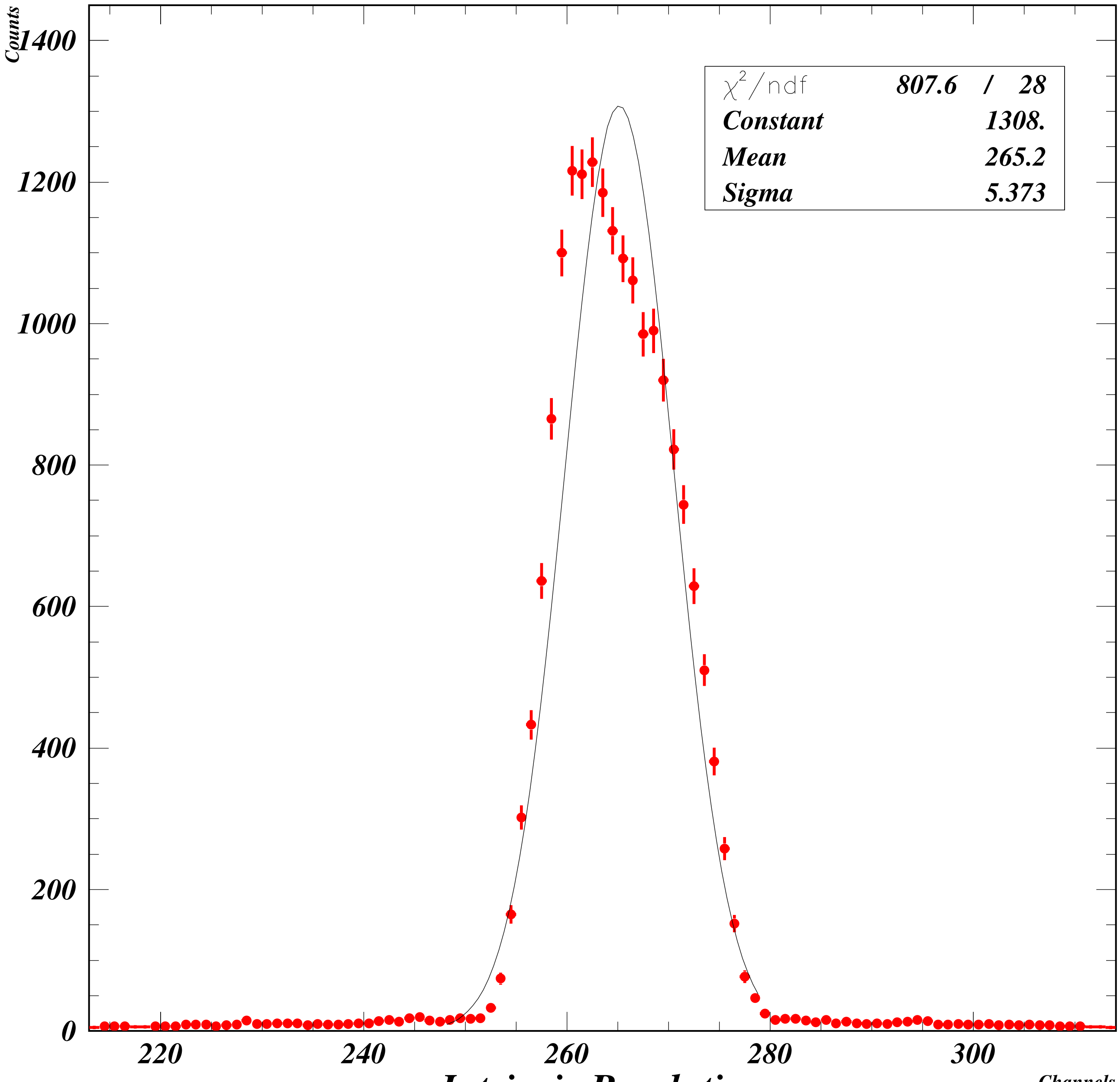




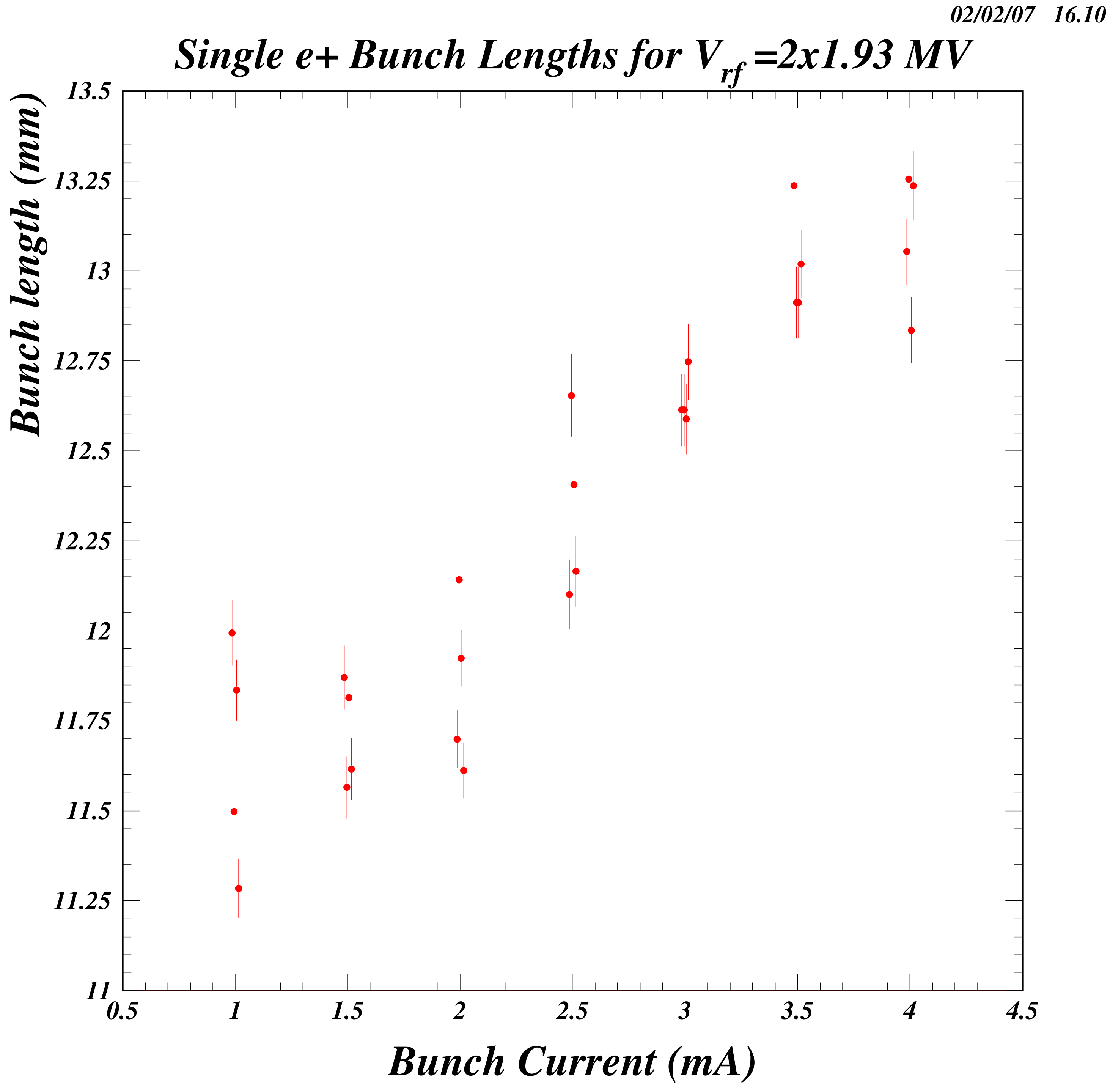




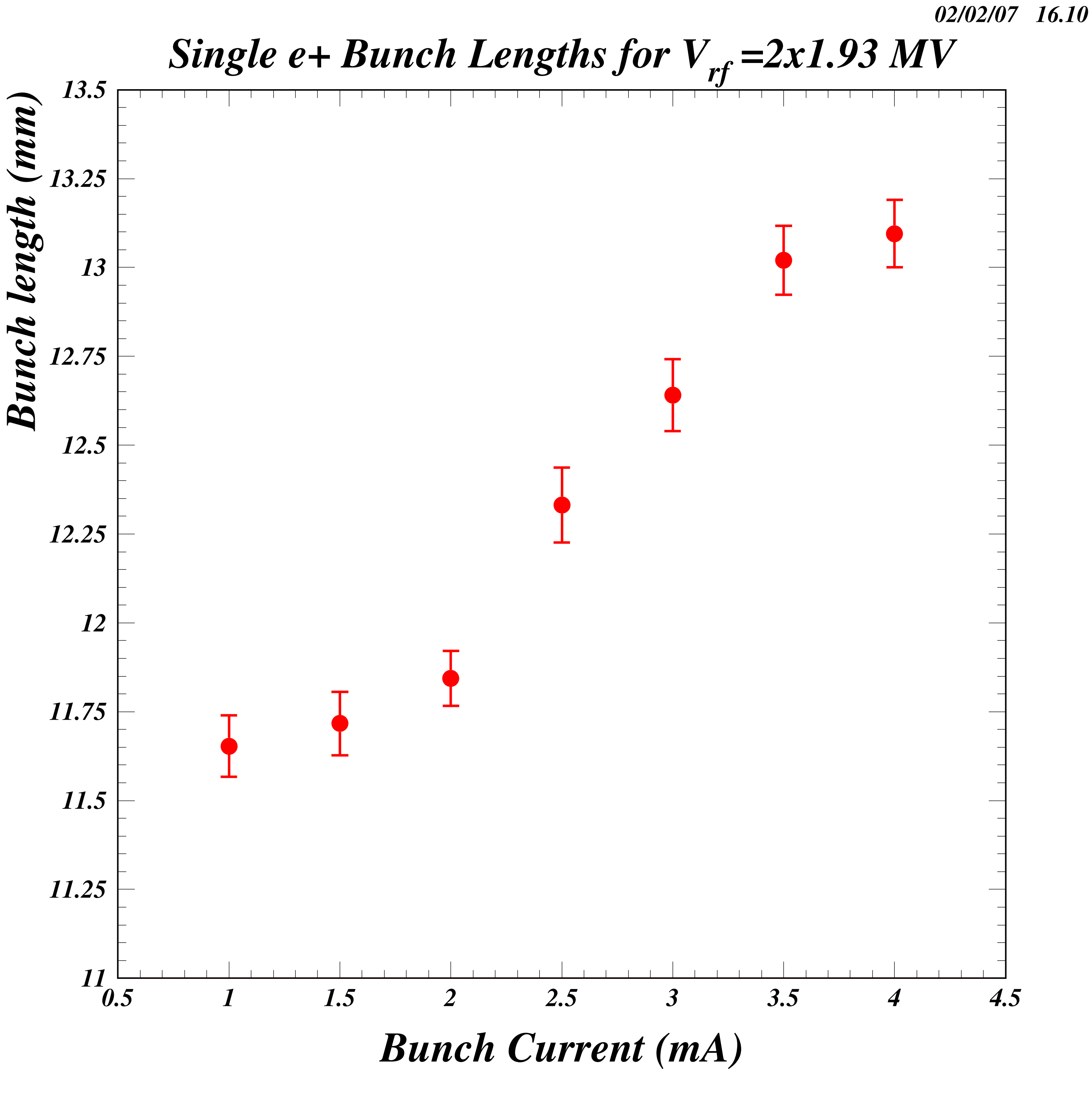
02/02/07 16.10



Intrinsic Resolution



02/02/07 16.10
Single e+ Bunch Lengths for V_{rf} =2x1.93 MV
Bunch length (mm)
13.5
13.25
13
12.75
12.5
12.25
12
11.75
11.5
11.25
11
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Bunch Current (mA)


02/02/07 16.10
Single e+ Bunch Lengths for V_{rf} =2x1.93 MV
Bunch length (mm)
13.5
13.25
13
12.75
12.5
12.25
12
11.75
11.5
11.25
11
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Bunch Current (mA)